

TENNESSEE
VITAL STATISTICS
1989



Tennessee Department of Health
Division of Information Resources

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for the Year
1989

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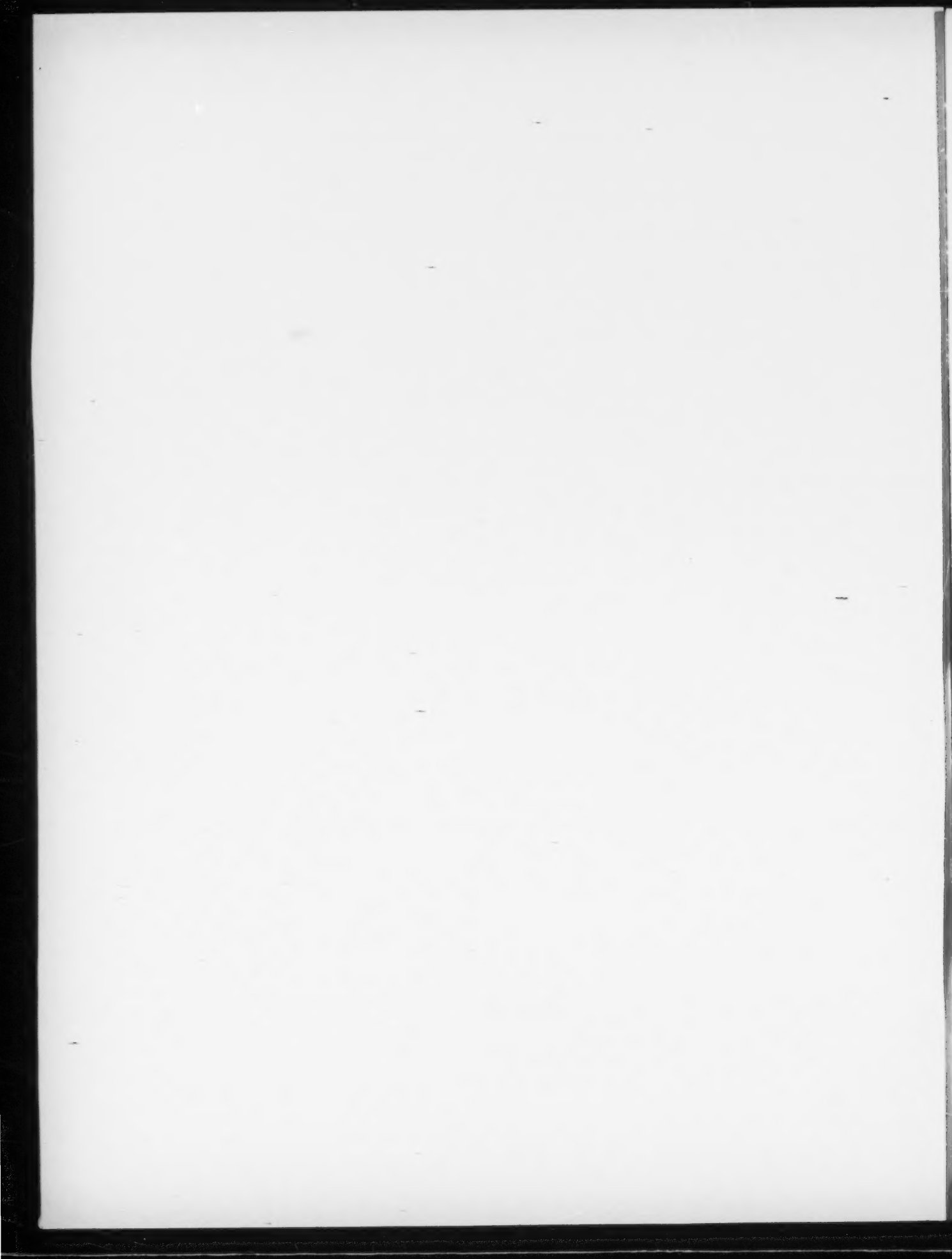


TABLE OF CONTENTS

	Page
List of Figures in Text.....	iv
List of Tables in Text.....	iv
List of Summary Tables.....	vi
List of Appendices.....	vi
Introduction.....	1
Discussion of Vital Statistics, 1989.....	3
Births.....	3
Fetal Deaths.....	6
Induced Abortions.....	7
Pregnancies.....	8
Deaths.....	9
Infant Mortality.....	11
Maternal Mortality.....	13
Principal Causes of Death.....	13
Diseases of Heart.....	16
Malignant Neoplasms.....	16
Cerebrovascular Disease.....	17
Accidents and Adverse Effects.....	17
Home Accidents.....	18
Motor Vehicle Accidents.....	19
Chronic Obstructive Pulmonary Disease and Allied Conditions.....	19
Pneumonia and Influenza.....	19
Diabetes Mellitus.....	20
Suicide.....	20
Homicide and Legal Intervention.....	20
Nephritis, Nephrotic Syndrome, and Nephrosis.....	20
Atherosclerosis.....	20
Chronic Liver Disease and Cirrhosis.....	21
Acute Infectious and Parasitic Diseases.....	21
Human Immunodeficiency Virus (HIV) Infection.....	21
Tuberculosis.....	21
Marriages.....	21
Divorces.....	22
Summary.....	23
Summary of Tennessee Resident Vital Statistics for 1989.....	25
Summary Tables.....	26
Appendices.....	95

LIST OF FIGURES IN TEXT

Page

Figure 1. Birth Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1970-1989.....	3
Figure 2. Percentage of Births With Reported Medical Risk Factors, Resident Data, Tennessee, 1989.....	6
Figure 3. Percentage of Births by Method of Delivery, Resident Data, Tennessee, 1989.....	6
Figure 4. Pregnancy Rates Among Teens, Aged 10-17 Years, by Race, Resident Data, Tennessee, 1975-1989.....	9
Figure 5. Age-Adjusted Death Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1970-1989.....	10
Figure 6. Infant Mortality Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1970-1989.....	11
Figure 7. Death Rates per 100,000 Population for Malignant Neoplasms of the Respiratory and Intrathoracic Organs, by Sex, Resident Data, Tennessee, 1970-1989.....	17

LIST OF TABLES IN TEXT

Table 1. Birth and Death Rates and Rate of Natural Increase per 1,000 Population, by Race, Resident Data, Tennessee, 1989.....	3
Table 2. Number and Percentage of Births According to Weight Group, by Race, Resident Data, Tennessee, 1989.....	4
Table 3. Number and Percentage of Births According to Age of Mother, by Race of Child, Resident Data, Tennessee, 1989.....	4
Table 4. Live Births by Number of Prenatal Visits, by Month of Pregnancy Prenatal Care Began and Race of Child, Resident Data, Tennessee, 1989.....	5
Table 5. Percentage of Live Births Reported to be Illegitimate, by Race, Resident Data, Tennessee, 1960-1989.....	6
Table 6. Number and Percentage of Fetal Deaths According to Weight Group, by Race, Resident Data, Tennessee, 1989.....	7
Table 7. Number and Percentage of Fetal Deaths According to Cause, by Race, Resident Data, Tennessee, 1989.....	7
Table 8. Number of Induced Abortions According to Race of Woman With Ratios per 1,000 Live Births, Resident Data, Tennessee, 1982-1989.....	8
Table 9. Number and Percent Distribution of Induced Abortions According to Age and Race of Woman, Resident Data, Tennessee, 1989.....	8

LIST OF TABLES IN TEXT (Continued)

Page

Table 10. Number of Pregnancies by Race and Age of Woman, With Rates per 1,000 Female Population, Resident Data, Tennessee, 1989.....	9
Table 11. Number of Teen Pregnancies by Race and Age of Woman, With Rates per 1,000 Female Population, Resident Data, Tennessee, 1989.....	9
Table 12. Age-Adjusted Death Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1970-1989.....	10
Table 13. Death Rates per 1,000 Population, by Race, Sex, and Age, Resident Data, Tennessee, 1989.....	11
Table 14. Leading Causes of Infant Deaths With Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1989.....	12
Table 15. Number of Infant Deaths by Age at Death With Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1989.....	12
Table 16. Principal Causes of Death With Rates per 100,000 Population, Resident Data, Tennessee, 1989.....	13
Table 17. Principal Causes of Death With Rates per 100,000 Population, by Sex, Resident Data, Tennessee, 1989.....	13
Table 18. Principal Causes of Death for Eight Age Groups With Rates per 100,000 Population, by Race, Resident Data, Tennessee, 1989.....	14
Table 19. Number of Deaths From Malignant Neoplasms According to Primary Site With Rates per 100,000 Population, by Race, Resident Data, Tennessee, 1989.....	16
Table 20. Number of Deaths from Accidents and Adverse Effects According to Type of Accident With Rates per 100,000 Population, Resident Data, Tennessee, 1989.....	18
Table 21. Number of Deaths from Accidents and Adverse Effects by Class of Accident With Percentages, Resident Data, Tennessee, 1989.....	18
Table 22. Average Annual Death Rates per 100,000 Population for Accidents and Adverse Effects According to Class of Accident, by Age, Resident Data, Tennessee, 1987-1989.....	18
Table 23. Number of Deaths from Home Accidents According to Type of Accident With Rates per 100,000 Population, by Race, Resident Data, Tennessee, 1989.....	19
Table 24. Number of Marriages Recorded and Persons Married With Rates per 1,000 Population, Tennessee, 1980-1989.....	22
Table 25. Number of Marriages According to Previous Marital Status of Bride and Groom, Recorded Data, Tennessee, 1989.....	22

LIST OF TABLES IN TEXT (Continued)

Page

Table 26. Number of Divorces Recorded and Persons Divorced With Rates per 1,000 Population, Tennessee, 1980-1989.....	22
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LIST OF SUMMARY TABLES

Table I. Population, Births and Deaths With Rates per 1,000 Population, Fetal Deaths With Ratios per 1,000 Live Births, and Infant and Neonatal Deaths With Rates per 1,000 Live Births, by Race, Recorded and Resident Data, Tennessee, 1970-1989.....	26
Table II. Deaths From Selected Causes With Rates per 100,000 Population, by Race and Sex, Resident Data, Tennessee, 1970-1989.....	28
Table III. Deaths According to Cause (9th Rev. ICD), by Race, Sex, and Age, Resident Data, Tennessee, 1989.....	38
Table IV. Deaths According to 212 Selected Causes (9th Rev. ICD), With Rates per 100,000 Population, by Race, Resident Data, Tennessee, 1989.....	43
Table V. Births, Infant Deaths, Fetal Deaths, Induced Abortions, and Deaths From Selected Causes (9th Rev. ICD), With Rates, by Race, for the State and for the Counties, Resident Data, Tennessee, 1989.....	48
Table VI. Births, Infant Deaths, Fetal Deaths, Induced Abortions, and Deaths From Selected Causes (9th Rev. ICD), With Rates, by Race, for the Cities of 10,000 or More Population, Resident Data, Tennessee, 1989.....	80
Table VII. Selected Data on Marriages and Divorces by Recorded County, Tennessee, 1989.....	93
Table VIII. Births and Deaths With Rates per 1,000 Population, Infant Deaths With Rates per 1,000 Live Births, Recorded Data, Tennessee, 1989.....	94

LIST OF APPENDICES

Appendix A Definitions of Terms, Rates, and Ratios.....	97
Appendix B Correspondence of Code Numbers for the <i>Eighth</i> and <i>Ninth</i> Revisions <i>International Classification of Diseases</i>	99
Appendix C Map of Tennessee Showing the 95 Counties, the 37 Cities of 10,000 or More Population in 1980, and the 14 Health Department Regions.....	100

TENNESSEE VITAL STATISTICS - 1989

INTRODUCTION

Data from vital records for Tennessee during 1989 are given in this *Vital Statistics Bulletin*, the 63rd in a series of annual reports.

An analysis of the vital statistics of Tennessee for the year 1989 is given in the Discussion of Vital Statistics of this Bulletin. Following the analysis, summary tables are presented for the State for the 20 years 1970-1989, inclusive, and also detailed tables for 1989 for the State, the 95 counties, and the cities of 10,000 or more population.

The data in this Bulletin include all vital events occurring during 1989 which were reported to the Office of Vital Records of the Tennessee Department of Health as of August 20, 1990. Copies of certificates and reports for births, deaths, induced abortions, and fetal deaths occurring to Tennessee residents in other states are forwarded to Tennessee in the interstate transfer of these certificates and reports. Thus, it is possible to compile birth, death, induced abortion, and fetal death statistics for Tennessee residents. Since at the present time there is no interstate transfer of marriage and divorce certificates, resident data for these events are not available.

Induced abortion data for Tennessee residents were not available from Kentucky in 1989, resulting in substantial under-counts of the actual number of events. For a time, Kentucky interpreted their vital records law as meaning they could not participate in the interstate exchange of induced abortion reports.

Recorded data are obtained by classifying certificates and reports according to the place of birth, death, fetal death, induced abortion, marriage, or divorce. For certain purposes, such as knowledge of the numbers of births or

deaths occurring in hospitals, recorded data are desirable and are presented in some of the summary tables. Many residents of the State and of nearby states use health facilities in the large cities of Tennessee; consequently, the numbers of recorded births, deaths, and induced abortions are large in these cities.

On May 2, 1989 the marriage law (T.C.A. 36-3-103) was amended. Marriages for which the couple obtained a Tennessee marriage license but had a ceremony performed out-of-state are valid and are included in statistical analyses just as those with in-state ceremonies.

Resident data are compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. Resident data are preferable to recorded data for comparing birth, death, and induced abortion rates and ratios for the residents of the counties of Tennessee. Most of the statistics in this report are based on resident data.

On January 1, 1989, the Office of Vital Records for the State of Tennessee began using revised certificates of birth and death and report of fetal death which are based upon, and very similar to, the U. S. Standards in content and format. The modifications and additions made to the Tennessee birth certificate and fetal death report were extensive. The previous revision contained a minimum of medical information whereas the 1989 revision includes check box sections entitled Medical Risk Factors for This Pregnancy, Other Risk Factors for This Pregnancy (tobacco and alcohol use, weight gain), Obstetric Procedures, Complications of Labor and/or Delivery, Methods of Delivery, Abnormal Conditions

of the Newborn, and Congenital Anomalies of Child. Additional non-medical items call for information on parents' occupation and business/industry and Hispanic origin. Changes to the Tennessee death certificate were less extensive but still significant. The cause of death section was expanded by the addition of a fourth line to provide more room for describing the conditions. New items on the 1989 death certificate include education, Hispanic origin, and a check box for autopsy finding available prior to completion of cause of death. The rationale for changes to the two certificates and one report is to provide better and more comprehensive statistical information on public health needs and to measure the effectiveness of initiatives designed to address these problems.

Many factors must be considered for the correct interpretation of vital statistics. Completeness and timeliness of registration is one of these factors. Because of concentrated efforts of the Tennessee Department of Health to record vital events as well as the public's need for vital records, it is believed that most events in Tennessee are

registered. Characteristics peculiar to a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

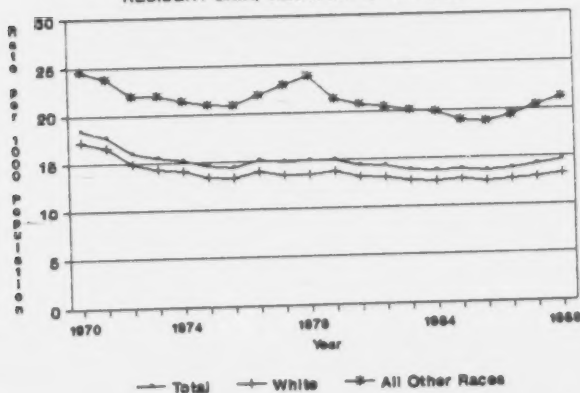
The population for Tennessee of 5,011,194 used in this Bulletin was estimated by the Department of Sociology at the University of Tennessee in Knoxville. The estimates were based on the 1980 Census and were completed using the cohort component method. The elements of this estimated population were used for calculation of rates per population for the State and for the counties by race, sex, and/or age groups. Estimates for city populations for 1989 were obtained by calculating the ratio of the 1988 city population to the 1988 county population and by applying this ratio to the 1989 county population and adding city annexations between July 1, 1988 and June 30, 1989; distribution by race was based on the 1980 Census. Blacks are estimated to comprise 96.1 percent of the population of all nonwhite races in Tennessee during 1989.

DISCUSSION OF VITAL STATISTICS, 1989

Births: During 1989, there were 73,137 live births to residents of Tennessee, yielding a birth rate of 14.6 per 1,000 population. The number of births showed an increase of 3.5 percent over the 70,685 births reported in 1988. The birth rate of 14.6 in 1989 represented an increase of 2.1 percent over the rate of 14.3 for the preceding year.

In 1989, resident white births numbered 54,504, an increase of 2.7 percent over the 53,053 births in 1988. The birth rate of 13.2 per 1,000 white population in 1989 was 1.5 percent higher than the rate of 13.0 in 1988. The 18,620 births of races other than white in 1989 represented a 5.6 percent increase over the 17,625 births in 1988. The birth rate of 21.2 for other races in 1989 was an increase of 3.9 percent over the rate of 20.4 for 1988. In 1989, the birth rate for all other races was over one and one-half times the rate for the white population.

FIGURE 1. BIRTH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989



The trend of the birth rate for the past 20 years is shown in Figure 1. This trend may be described as generally downward, fluctuating throughout the period, 1970-1989, from a high rate of 18.4 per 1,000 live births in 1970, to a record low of 13.6 during 1986. During the last 3 years the rate has shown an upward trend with the 1989 birth rate

being the highest since 1980. The record high birth rate of 26.7 occurred in 1947. The patterns of change in the birth rates for the whites and the population of other races have been similar to the trend of the total birth rates, but rates for the population of races other than white have remained at a level approximately one and one-half times higher than that for the white population.

During the period 1970-1989, the number of females of childbearing age (15-44 years) in Tennessee increased by 38.4 percent. The general fertility rate (number of resident live births per 1,000 females 15-44 years of age) declined from 85.9 in 1970 to 62.8 in 1989, a decrease of 26.9 percent. From 1970 to 1989, Tennessee age-specific fertility rates (number of live births to women of a specific age group per 1,000 female population in the same age group) decreased 25.6 percent for women aged 20-24 years, while the women aged 30-34 years decreased only 7.9 percent. Women aged 15 to 34 years accounted for 94.1 percent of the births in 1970, and 93.6 percent of the resident births in 1989.

TABLE 1. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

	All Races	White	All Other Races
Birth rate	14.6	13.2	21.2
Death rate	9.1	9.1	8.8
Rate of natural increase ...	5.5	4.1	12.4

For residents of Tennessee in 1989, the birth rate exceeded the crude death rate for a rate of natural increase of 5.5 per 1,000 population (Table 1). The rate of natural increase in 1989 was 7.8 percent higher than in 1988. For the white population, the rate of natural increase was 4.1 per 1,000 population. The rate was 12.4 for races other than white; thus, the rate of natural

increase for races other than white was over three times that for whites.

Of the 73,137 resident births in 1989, there were 37,466 males and 35,670 females. This gives a sex ratio of 1,050 male births to 1,000 female births, compared to a ratio of 1,060 in 1988.

During 1989, there were 1,644 resident live births occurring in multiple deliveries; 1,605 births were of twins and 39 births were of triplets. The number of live births occurring in multiple deliveries may not be indicative of the number of sets of multiple births due to one or more members of a set not being born alive.

In 1989, of the total resident births, 72,650 or 99.3 percent occurred in hospitals. For white births, 54,069 or 99.2 percent occurred in hospitals, while for races other than white, 18,571 or 99.7 percent occurred in hospitals. Of the 487 births that were not delivered in hospitals, 92 were attended

TABLE 2. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	73,137	100.0	54,504	100.0	18,620	100.0
Low birthweight	6,024	8.2	3,548	6.5	2,477	13.3
Under 1,000 grams	578	0.8	273	0.5	305	1.6
Under 500 grams	142	0.2	81	0.1	61	0.4
500-999 grams	436	0.6	212	0.4	224	1.2
1,000-1,499 grams	576	0.8	332	0.6	244	1.3
1,500-1,999 grams	1,158	1.6	698	1.3	460	2.5
2,000-2,499 grams	3,714	5.1	2,245	4.1	1,468	7.8
2,500-2,999 grams	12,886	17.6	8,475	15.5	4,410	23.7
3,000-3,499 grams	27,044	37.0	19,935	36.6	7,109	38.2
3,500-3,999 grams	20,153	27.6	16,434	30.2	3,719	19.9
4,000-4,499 grams	5,903	8.1	5,141	9.4	762	4.1
4,500 grams and over	1,093	1.5	958	1.8	137	0.7
Unknown weight	34	0.0	17	0.0	17	0.1

Totals may include one or more births with race not stated.

by a physician, while 393 births were attended by a certified nurse-midwife, other midwife, or other type of attendant.

Table 2 shows the distribution of births according to birthweight. During

1989, low birthweight (less than 2,500 grams) babies accounted for 6,024, or 8.2 percent, of total live births. The proportion of low birthweight infants varied by race. Races other than white exhibited a much higher percentage of low weight births when compared with white births, 13.3 percent and 6.5 percent, respectively.

The highest proportion of high birthweight (4,000 grams or more) infants was to whites with 11.2 percent compared with 4.8 percent for races other than white.

TABLE 3. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE OF MOTHER, BY RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1989

Age of Mother	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	73,137	100.0	54,504	100.0	18,620	100.0
Under 15 years	310	0.4	98	0.2	211	1.1
15-17 years	4,516	6.2	2,712	5.0	1,803	9.7
18-19 years	7,963	10.9	5,420	9.9	2,542	13.7
20-24 years	22,845	31.2	16,582	30.4	6,261	33.6
25-29 years	21,216	29.0	16,718	30.7	4,497	24.2
30-34 years	11,891	16.3	9,521	17.5	2,368	12.7
35-39 years	3,780	5.2	2,979	5.5	799	4.3
40-44 years	542	0.7	418	0.8	124	0.7
45 years and over	11	0.0	8	0.0	3	0.0

Totals may include one or more births with race of child and/or age of mother not stated.

During the 10-year period, 1980-1989, the percentage of low birthweight infants has remained relatively stable. However, the percentage change of infants with very low birthweight (VLBW) (less than 1,500 grams) increased 20.8 percent for races other than white between the years 1980-1989, while the percentage of white infants increased 10.0 percent.

In 1989, of the 73,137 resident births, 17.5 percent or 12,789 births occurred to mothers less than 20 years of age (Table 3). Of the 54,504 white births, 8,230 or 15.1 percent occurred to teenage mothers, while 24.5 percent or 4,556 of the 18,620 births of other races were to teenage mothers. Of the total 73,137 resident births, 44,061 or 60.2 percent were to mothers aged 20-29

years; 61.1 percent of white births and 57.8 percent of the births of other races occurred to mothers in this age group.

In 1989, it was indicated on 70,738 or 96.7 percent of the birth certificates that the mother had received some prenatal care (Table 4).

TABLE 4. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1989

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began				
		1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
All Races						
Total	73,137	54,975	13,413	2,350	1,189	1,210
No visits	1,189	-	-	-	1,189	-
1-4 visits	3,954	1,359	1,496	1,099	-	-
5-9 visits	14,385	7,716	5,662	1,007	-	-
10-14 visits	40,321	34,789	5,316	216	-	-
15-19 visits	9,745	8,997	727	21	-	-
20 or more visits ..	2,333	2,114	212	7	-	-
Not stated	1,210	-	-	-	-	1,210
White						
Total	54,504	42,931	8,679	1,510	540	844
No visits	540	-	-	-	540	-
1-4 visits	1,688	446	622	620	-	-
5-9 visits	9,940	5,453	3,784	703	-	-
10-14 visits	31,542	27,741	3,638	163	-	-
15-19 visits	8,092	7,560	514	18	-	-
20 or more visits ...	1,858	1,731	121	6	-	-
Not stated	844	-	-	-	-	844
All Other Races						
Total	18,620	12,039	4,732	840	649	360
No visits	649	-	-	-	649	-
1-4 visits	2,266	915	874	479	-	-
5-9 visits	4,443	2,262	1,877	304	-	-
10-14 visits	8,774	7,044	1,677	53	-	-
15-19 visits	1,653	1,437	213	3	-	-
20 or more visits ...	475	383	91	1	-	-
Not stated	360	-	-	-	-	360

Totals may include one or more births with race not stated.

A mother was considered to have received prenatal care when the birth certificate contained information specifying the month that prenatal care began and a number of visits greater than zero. On 1,210 or 1.7 percent of the birth certificates, it could not be determined whether or not the mother had received prenatal care. On 1.6 percent or 1,189 certificates, the mother stated that no prenatal care was received. Mothers of 53,120 white newborns or 97.5 percent received prenatal care, and mothers of

17,611 newborns of other races or 94.6 percent received care.

For those who received care, 80.8 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 68.4 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 62.6 percent began care during the first trimester. In contrast, 93.7 percent of the college graduates receiving care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. In 1989, for mothers with no previous pregnancies, 97.4 percent received prenatal care, while 94.8 percent of those with four previous pregnancies and 90.7 percent of those with six or more previous pregnancies received care.

In 1989, of the 73,137 resident live births in Tennessee, 21,268 or 29.1 percent were reported as illegitimate. This represented a 5.4 percent increase over the percentage of illegitimate births in 1988. Of the total number of illegitimate births to residents of the State, 8,794 were white and 12,470 were of other races. Illegitimate births accounted for 16.1 percent of white births in 1989, while 67.0 percent of births of other races were illegitimate. From 1988 to 1989, the percentage of births reported to be illegitimate in both the white population and the population of races other than white showed increases (9.5 and 1.1, respectively).

Table 5 shows the percentages of births by race which were illegitimate for the 30-year period, 1960-1989. The percentages that were reported as illegitimate for births of races other

than white were over 4 to almost 11 times those for whites throughout this time period. The percentage of total births reported to be illegitimate increased gradually from 8.7 percent in 1960 to 29.1 percent in 1989. The increase in percentages, however, was greatest among whites.

TABLE 5. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1989

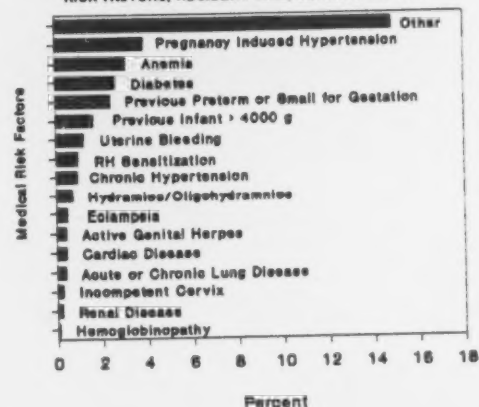
Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1960...	8.7	2.7	29.4	1975...	15.8	5.9	50.6
1961...	9.3	3.0	31.3	1976...	16.5	6.1	53.3
1962...	9.5	3.1	32.1	1977...	16.6	6.7	52.2
1963...	9.7	3.1	32.8	1978...	18.2	7.4	54.1
1964...	9.9	3.2	33.9	1979...	19.1	8.1	55.1
1965...	11.2	3.8	36.4	1980...	19.8	8.8	56.2
1966...	11.3	4.0	37.2	1981...	20.4	9.2	57.0
1967...	11.8	4.1	39.6	1982...	20.9	9.7	58.7
1968...	11.8	4.4	39.1	1983...	22.0	10.5	60.9
1969...	11.8	4.5	39.3	1984...	22.9	11.2	62.0
1970...	12.5	4.6	41.5	1985...	24.3	12.2	63.3
1971...	12.9	4.5	43.9	1986...	25.3	13.0	64.6
1972...	14.4	5.2	47.9	1987...	26.3	13.8	65.3
1973...	14.9	5.3	49.0	1988...	27.6	14.7	66.3
1974...	14.9	5.4	49.3	1989...	29.1	16.1	67.0

In 1989, there were 5,853 births recorded in Tennessee to mothers who were residents of other states, U.S. possessions, and foreign countries and 1,312 births recorded in other states to Tennessee mothers. The recorded birth rate of 15.5 per 1,000 population was higher than the resident rate of 14.6. Both rates were also higher in 1989 than in 1988 when the recorded birth rate was 15.3 and the resident birth rate was 14.3.

Beginning in 1989, the newly revised birth certificates provided better information on demographic, behavioral, and medical factors influencing fertility and pregnancy outcomes. Analysis of certain medical risk factors relating to the mother may provide new insight into the causes of low birthweight and other adverse pregnancy outcomes. Figure 2 shows the distribution of risk factors occurring to Tennessee residents reported on 1989 birth certificates. Of the total 73,137

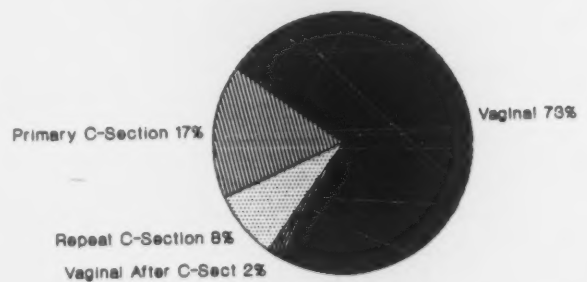
live births, 72.0 percent reported 'none or unknown medical risk factors for this pregnancy'. The remaining 28.0 percent had one of the 18 risk factors listed on the certificate or specified the presence of an 'other risk factor'.

FIGURE 2. PERCENTAGE OF BIRTHS WITH REPORTED MEDICAL RISK FACTORS, RESIDENT DATA, TENNESSEE, 1989



Data on method of delivery are shown in Figure 3. Vaginal delivery was by far the most common method of delivery, accounting for 73.3 percent. Primary Cesarean section (C-section) was next at 16.7 percent, followed by repeat C-section at 8.3 percent. Vaginal births after previous C-section accounted for the remaining 1.7 percent.

FIGURE 3. PERCENTAGE OF BIRTHS BY METHOD OF DELIVERY, RESIDENT DATA, TENNESSEE, 1989



Percents are based on births with these methods of delivery reported.

Fetal Deaths: During 1989, there were 421 fetal deaths reported for mothers who were residents of the State.

giving a new record low fetal death ratio of 5.8 per 1,000 live births. The fetal death ratio decreased 62.6 percent from 15.5 in 1970 to 5.8 in 1989.

Legal criteria for reporting a fetal death to the Tennessee Department of Health changed during the time period included in this Bulletin. Caution should be exercised when comparing fetal death data from different years. Prior to January 1, 1978, the law required registration of fetal deaths of 20 or more weeks gestation. With the enactment of the Vital Records Act of 1977, to be reported as a fetal death, the fetus must have been of 20 completed weeks or more gestation or weighed 350 grams or more; this reporting requirement was in effect from January 1, 1978 through April 11, 1979. As of April 12, 1979, the Vital Records Act of 1977 was amended so that a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more is reportable.

TABLE 6. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total.....	421	100.0	288	100.0	132	100.0
Under 1,000 grams....	126	29.9	79	27.4	46	34.8
1,000-1,499 grams...	64	15.2	36	12.5	28	21.2
1,500-1,999 grams...	52	12.4	34	11.8	18	13.6
2,000-2,499 grams...	54	12.8	43	14.9	11	8.3
2,500 grams and over ..	112	26.6	85	29.5	27	20.5
Unknown weight	13	3.1	11	3.8	2	1.5

Of the 421 fetal deaths reported as resident events, 99.8 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered in hospitals similar to that for live births.

The distribution of reported fetal deaths by weight at delivery in 1989 is given in Table 6. Of the 421 fetal deaths, 126 or 29.9 percent weighed under 1,000 grams compared with 1988 when there were 152 or 32.2 percent in this weight group. In 1989, of the 288

white fetal deaths, 79 or 27.4 percent weighed under 1,000 grams compared to the 46 or 34.8 percent of the 132 fetal deaths of all other races.

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases, 1975*. Table 7 shows the underlying causes of the 421 fetal deaths by race in 1989.

TABLE 7. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Fetal Death	All Races		White		All Other Races	
	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
Total	421	100.0	288	100.0	132	100.0
Congenital anomalies (740-759)	27	6.4	23	8.0	4	3.0
Maternal conditions which may be unrelated to pregnancy (760.1-760.9) ..	6	1.4	3	1.0	3	2.3
Maternal complications of pregnancy (760.0, 761)...	22	5.2	12	4.2	10	7.6
Complications of placenta (762.0-762.3)....	77	18.3	59	20.5	17	12.9
Complications of cord (762.4-762.6).....	64	15.2	57	19.8	7	5.3
Complications of membranes (762.7-762.9) .	11	2.6	3	1.0	8	6.1
Other complications of labor and delivery (763)....	1	0.2	-	-	1	0.8
Immaturity (765).....	9	2.1	6	2.1	3	2.3
Intrauterine hypoxia and birth asphyxia (768)....	9	2.1	7	2.4	2	1.5
Other and ill-defined conditions originating in the perinatal period (779)...	181	43.0	105	36.5	76	57.6
Other and ill-defined causes	14	3.3	13	4.5	1	0.8

Complications of placenta was the reported leading cause of fetal deaths for all races combined and for both racial groups with complications of cord the second leading cause. Other and ill-defined conditions originating in the perinatal period was the cause of 43.0 percent of the total fetal deaths in 1989.

Induced Abortions: Beginning with 1982, improved resident data for abortions were available due to better cooperation between the states in the interstate transfer of abortion reports. Because of this improvement, resident

abortion data for 1982-1989 are not comparable with resident abortion data from previous years.

In 1989, there were 18,183 abortions performed on women who were residents of Tennessee. This corresponds to a ratio of 248.6 abortions per 1,000 resident live births. Of the 18,183 Tennessee women obtaining abortions, 17,126 or 94.2 percent obtained the abortion in Tennessee while the remainder were obtained in 13 other states.

TABLE 8. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS, RESIDENT DATA, TENNESSEE, 1982-1989

Year	All Races		White		All Other Races	
	Number	Ratio	Number	Ratio	Number	Ratio
1982.....	17,611	262.5	13,264	255.3	4,331	285.3
1983.....	17,559	268.2	12,956	255.8	4,597	310.5
1984.....	17,967	276.7	12,541	250.1	5,391	364.7
1985.....	18,155	272.1	12,525	244.4	5,589	361.3
1986.....	18,929	285.7	12,853	253.2	6,058	391.7
1987.....	18,816	276.9	12,558	242.8	6,218	383.5
1988.....	19,305	273.1	12,687	237.1	6,553	381.8
1989.....	18,183	248.6	11,486	208.6	6,660	368.7

Totals may include one or more events with race not stated.

There were 11,486 white women and 6,660 women of other races who obtained abortions in 1989. The ratio of abortions per 1,000 live births was higher for women of other races than for white women (368.7 and 208.6, respectively) Table 8.

TABLE 9. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN, RESIDENT DATA, TENNESSEE, 1989

Age of Woman	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total.....	18,183	100.0	11,486	100.0	6,660	100.0
Under 15 years....	203	1.1	82	0.7	120	1.8
15-17 years.....	1,823	10.0	1,169	10.2	652	9.8
18-19 years.....	2,954	16.2	2,013	17.5	939	14.1
20-24 years.....	5,943	32.7	3,682	32.1	2,251	33.8
25-29 years.....	3,738	20.6	2,307	20.1	1,421	21.3
30-34 years.....	2,169	11.9	1,348	11.7	816	12.3
35-39 years.....	1,058	5.8	668	5.8	386	5.8
40-44 years.....	258	1.4	191	1.7	64	1.0
45 years and over..	16	0.1	13	0.1	3	0.0
Not stated.....	21	0.1	13	0.1	8	0.1

Totals may include one or more events with race not stated.

Of the Tennessee women obtaining induced abortions in 1989, 27.4 percent were 19 years of age or younger; 32.7 percent were from 20-24 years of age; and 39.8 percent were 25 years of age or older. This distribution varied slightly according to race as shown in Table 9.

Pregnancies: With the legalization of and resulting increase in abortions, it is important to look at total reported pregnancies to analyze fertility. The number of pregnancies is the sum of live births, reportable fetal deaths, and reported induced abortions. Table 10 shows the number of pregnancies with rates per 1,000 female population by race and age of woman. The number of pregnancies for 1989 was 91,740 with a rate of 62.1 per 1,000 female population aged 10-49. The rates were higher for all other races than for whites in all age groups except age 45-49 years where the rates are the same. At age 10-14 years, the pregnancy rate for all other races exceeded the white rate by 550.0 percent (9.1 and 1.4, respectively). The rate of 138.9 for all other races aged 25-29 was only 21.9 percent higher than the rate of 113.9 for white females.

Table 11 shows the number of teen pregnancies (age 10-19 years) with rates per 1,000 female population by race and age of woman for 1989. The rates for other races teens were almost twice as high as for the white teens (83.1 and 42.7, respectively).

During 1989, 71.7 percent of the reported pregnancies to women under 20 years of age resulted in a live birth, 27.9 percent in an abortion, and 0.4 percent in a fetal death.

The female population 10-17 years of age decreased between 1975 and 1989, from 321,085 in 1975 to 273,859 in 1989, a decrease of over 47,000 or 14.7 percent. For the 15-year period, 1975-1989, the pregnancy rates among teens, (10-17 years of age) decreased

3.1 percent, from 25.9 in 1975, to 25.1 in 1989. For whites in this same age group and period of time, the pregnancy

TABLE 10. NUMBER OF PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1989

Age of Woman	Pregnancies				
	Total Number	Total Rate	Live Births	Fetal Deaths	Induced Abortions
All Races					
Total	91,740	62.1	73,136	421	18,183
10-14 years	517	3.1	310	4	203
15-17 years	6,368	59.1	4,516	29	1,823
15 years	1,064	30.2	731	5	328
16 years	2,055	57.1	1,381	11	663
17 years	3,249	89.0	2,404	13	832
18 years	5,118	139.1	3,554	19	1,545
19 years	5,645	158.7	4,406	27	1,409
20-24 years	28,905	155.3	22,845	117	5,943
25-29 years	25,061	118.9	21,216	107	3,738
30-34 years	14,123	66.4	11,891	63	2,169
35-39 years	4,870	24.8	3,780	32	1,058
40-44 years	807	4.6	542	7	258
45-49 years	26	0.2	10	-	16
White					
Total	66,833	55.7	55,059	288	11,486
10-14 years	181	1.4	98	1	82
15-17 years	3,926	46.1	2,737	20	1,169
15 years	525	18.9	329	4	192
16 years	1,251	43.9	819	7	425
17 years	2,150	74.3	1,589	9	552
18 years	3,452	118.2	2,395	12	1,045
19 years	4,092	136.9	3,105	19	968
20-24 years	20,539	138.5	16,776	81	3,682
25-29 years	19,240	113.9	16,861	72	2,307
30-34 years	10,997	64.0	9,604	45	1,348
35-39 years	3,693	22.9	3,005	20	668
40-44 years	617	4.1	420	6	191
45-49 years	21	0.2	8	-	13
All Other Races					
Total	24,853	89.5	18,062	131	6,660
10-14 years	334	9.1	211	3	120
15-17 years	2,439	108.0	1,778	9	652
15 years	538	71.9	402	1	135
16 years	802	106.4	561	4	237
17 years	1,099	145.3	815	4	280
18 years	1,664	219.6	1,158	7	499
19 years	1,752	231.5	1,304	8	440
20-24 years	8,354	220.6	6,067	36	2,251
25-29 years	5,808	136.9	4,353	34	1,421
30-34 years	3,117	75.8	2,284	17	816
35-39 years	1,171	33.4	773	12	386
40-44 years	187	6.9	122	1	64
45-49 years	5	0.2	2	-	3

Totals may include one or more events with race and/or sex not stated.

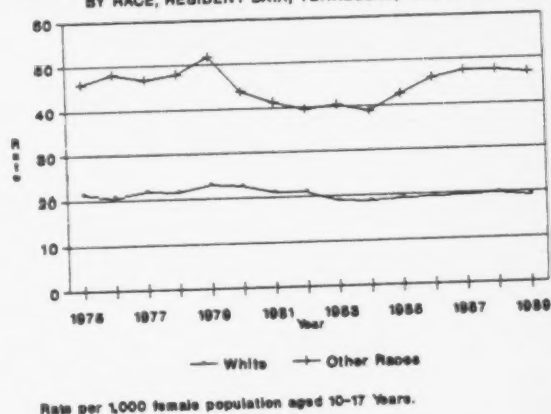
TABLE 11. NUMBER OF TEEN PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1989

Age	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
10-19 Years	17,848	51.4	11,651	42.7	6,189	83.1
10-14 Years	517	3.1	181	1.4	334	9.1
15-17 Years	6,368	59.1	3,926	46.1	2,439	108.0
18-19 Years	10,963	148.9	7,544	129.0	3,416	225.6

Totals may include one or more events with race and/or sex not stated.

rates decreased 9.0 percent, from 21.0 to 19.1, while the pregnancy rates for teens of all other races increased 1.3 percent, from 46.1 in 1975 to 46.7 in 1989 (Figure 4).

FIGURE 4. PREGNANCY RATES AMONG TEENS, AGED 10-17 YEARS, BY RACE, RESIDENT DATA, TENNESSEE, 1975-1989



Deaths: Beginning with 1979 events, the underlying causes of deaths have been classified under the title numbers of the *Ninth Revision of the International Classification of Diseases*. For the period 1968-1978, data were classified under the title numbers of the *Eighth Revision of the International Classification*.

Because the *Ninth Revision* represents some major changes from the groupings of diseases in the *Eighth Revision*, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Table II is shown according to category titles of the *Ninth Revision*. In order to fit as nearly as possible the deaths by cause

for the years prior to 1979 into the same categories as those for 1979-1989, a correspondence of code numbers for the *Eighth* and *Ninth Revisions* was used. This correspondence is shown in Appendix B on page 99.

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979-1989 with that for previous years.

During 1989, deaths to Tennessee residents numbered 45,362, a decrease of 0.8 percent from the 45,728 deaths in 1988. The death rate of 9.1 per 1,000 population showed a slight decrease from the rate of 9.2 in 1988.

In 1989, the 37,575 deaths among the white race showed a decrease of 1.5 percent from the 38,157 deaths for 1988, but the 7,782 deaths among all other races increased 2.8 percent over the 7,567 deaths during 1988. For the white race in 1989, the death rate of 9.1 per 1,000 white population represented a 2.2 percent decrease from the rate of 9.3 for the preceding year; the death rate of 8.8 per 1,000 population for races other than white represented an increase of 1.1 percent over the rate of 8.7 in 1988.

TABLE 12. AGE-ADJUSTED* DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989

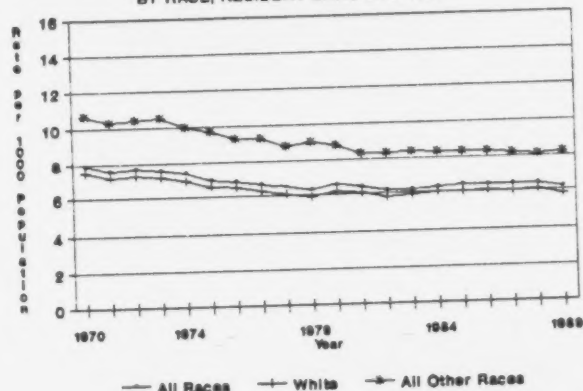
Year	All			Year	All		
	Races	White	Other		Races	White	Other
1970...	7.9	7.5	10.7	1980...	6.6	6.2	8.8
1971...	7.6	7.2	10.3	1981...	6.4	6.1	8.3
1972...	7.7	7.3	10.4	1982...	6.2	5.8	8.3
1973...	7.6	7.2	10.5	1983...	6.2	5.9	8.4
1974...	7.4	7.0	10.0	1984...	6.3	6.0	8.3
1975...	7.0	6.6	9.7	1985...	6.4	6.0	8.3
1976...	6.9	6.5	9.3	1986...	6.4	6.1	8.3
1977...	6.7	6.3	9.3	1987...	6.4	6.0	8.2
1978...	6.5	6.1	8.8	1988...	6.4	6.1	8.1
1979...	6.3	5.9	9.0	1989...	6.2	5.8	8.2

*Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age distribution of the population,

age-adjusted death rates have been computed by race for the years 1970-1989 and are shown in Table 12 and Figure 5. These adjusted rates were calculated using the direct method with the total enumerated population of the United States in 1940 as a standard.

FIGURE 5. AGE-ADJUSTED DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, 1970-1989



If the age composition of the population of Tennessee had been the same in 1989 as that of the United States in 1940, the death rate for the total population would have been 6.2 per 1,000 population rather than the crude rate of 9.1. This adjusted rate for 1989 was 21.5 percent lower than the comparable rate for 1970, while the crude death rate for 1989 was just 6.2 percent lower than the crude death rate for 1970. In comparison to 1970, there is an increased number of older persons in the 1989 population among whom the risk of death is greatest. By comparing only crude death rates, the progress made in reducing mortality since 1970 is concealed due to the increasing proportion of older people in the population.

From 1970 to 1989, the age-adjusted death rate for the white population declined by 22.7 percent, while the rate for all other races showed a 23.4 percent decline. The age-adjusted death rate for all other races in 1989 was 41.4 percent higher than that for whites; whereas, the comparison of crude

death rates showed that the rate for all other races was 3.3 percent lower than the rate for the white population.

Age-specific death rates by race and sex for 1989 are given in Table 13. In the total population, death rates were high during infancy but were low during

TABLE 13. DEATH RATES PER 1,000 POPULATION, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

Age Group	All Races		White		All Other Races		
	Total	Male	Total	Female	Total	Male	Female
All ages	9.1	9.1	9.8	8.4	8.8	9.8	8.0
Under 1 year	10.8	8.4	9.9	6.8	17.7	19.8	15.5
1-4 years	0.4	0.3	0.4	0.3	0.6	0.8	0.4
5-9 years	0.2	0.2	0.2	0.2	0.3	0.3	0.2
10-14 years	0.3	0.3	0.4	0.2	0.3	0.5	0.1
15-19 years	1.0	1.0	1.4	0.6	0.8	1.3	0.3
20-24 years	1.1	1.0	1.5	0.5	1.3	2.2	0.4
25-29 years	1.2	1.1	1.6	0.6	1.7	2.4	1.1
30-34 years	1.5	1.4	1.9	0.8	2.1	3.0	1.3
35-44 years	2.2	1.9	2.6	1.3	3.6	5.0	2.4
45-54 years	5.0	4.5	6.1	3.1	8.2	11.2	5.7
55-64 years	13.3	12.4	16.9	8.5	19.2	25.3	14.4
65-74 years	29.5	27.8	39.2	19.3	42.2	56.7	32.2
75-84 years	66.7	65.3	89.7	51.7	76.2	101.7	51.8
85 years and over	117.9	119.2	136.0	112.4	110.4	122.4	104.8

*Rate per 1,000 live births.

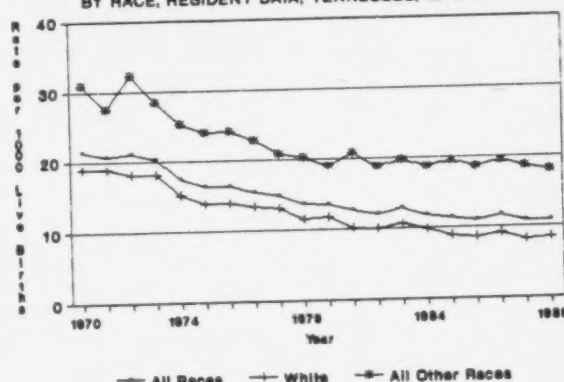
childhood years. After 44 years of age, the rates increased sharply and were at the highest level for persons in the 85 years and over age group. The rates for races other than white were at a higher level than those for whites except between the ages of 10-19 and the 85 years and over age group. Mortality was higher among males than among females for all age groups in both races except age group 5-9 for whites where both male and female rates were 0.2 per 1,000 population. Males of both races in every age group 10-44 years experienced death rates at least twice as high as their female counterparts.

In 1989, the number of deaths to Tennessee residents was 45,362 or 3,153 fewer than the 48,515 deaths recorded in the State. Thus, there were more deaths of nonresidents occurring in Tennessee (4,112) than there were deaths of Tennessee residents occurring in other states (959).

Infant Mortality: In Tennessee during 1989, there were 789 resident infant deaths. The 1989 infant mortality rate of 10.8 per 1,000 live births matched the record low rate of the previous year. The number of infant deaths was 3.5 percent higher than the 762 infant deaths in 1988. Figure 6 gives infant mortality rates for the past 20 years. The number of infant deaths and the mortality rates for the years 1970-1989 are given in Table I.

White infant deaths increased from 438 deaths in 1988 to 459 deaths in 1989, while infant deaths of races other than white increased from 324 deaths in 1988 to 330 deaths in 1989. The corresponding infant mortality rates in 1989 were 8.4 for whites and 17.7 for races other than white.

FIGURE 6. INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989



In 1989, there were 466 male infant deaths and 322 female infant deaths. The mortality rate of 12.4 per 1,000 live births experienced by male infants was 37.8 percent higher than the rate of 9.0 for female infants.

Table 14 presents the leading causes of infant deaths during 1989. Among the 789 infant deaths for Tennessee residents, the leading cause of infant mortality was attributed to sudden infant death syndrome with 138 deaths and rate of 1.9 per 1,000 live births.

Congenital anomalies was the second leading cause of death for all races combined with 132 deaths and a rate of 1.8, but was also the leading cause of white infant mortality, with 97 deaths and a rate of 1.8. For infants other than white, the leading cause of death was disorders relating to short gestation and unspecified low birthweight with 52 deaths and a rate of 2.8. Sudden infant death syndrome ranked second for both white infants and infants of other races, resulting in the death of 90 white infants and 48 infants of other races. The corresponding rates were 1.7 and 2.6, respectively.

TABLE 14. LEADING CAUSES OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Num-ber	Rate	Num-ber	Rate	Num-ber	Rate
All causes	789	10.8	459	8.4	330	17.7
1. Sudden infant death syndrome (798.0)	138	1.9	90	1.7	48	2.6
2. Congenital anomalies (740-759)	132	1.8	97	1.8	35	1.9
3. Disorders relating to short gestation and unspecified low birthweight (765)	87	1.2	35	0.6	52	2.8
4. Respiratory distress syndrome (769)	60	0.8	41	0.8	19	1.0
5. Infections specific to the perinatal period (771)	25	0.3	13	0.2	12	0.6
6. Newborn affected by complications of placenta, cord, and membranes (762)	21	0.3	13	0.2	8	0.4
7. Accidents and adverse effects (E800-E949)	19	0.3	10	0.2	9	0.5
8. Pneumonia and influenza (480-487)	14	0.2	10	0.2	4	0.2
9. Septicemia (038)	12	0.2	8	0.1	4	0.2
10. Newborn affected by maternal complication of pregnancy (761)	11	0.2	10	0.2	1	0.1

Mortality rates per 1,000 live births for infants of all other races were higher than those for white infants for all of the causes of death listed in Table 14 except for newborn affected by maternal complication of pregnancy and also, for pneumonia and influenza for which the rates were the same for both races.

Infant deaths by age at death and by race with rates per 1,000 live births

are shown for 1989 in Table 15. Of the 789 infant deaths, 63.4 percent or 500 occurred during the neonatal period, the first 27 days of life. The neonatal

TABLE 15. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Age at Death	All Races		White		All Other Races	
	Num-ber	Rate	Num-ber	Rate	Num-ber	Rate
Total, under 1 year	789	10.8	459	8.4	330	17.7
Neonatal (under 28 days)	500	6.8	279	5.1	221	11.9
Under 1 day	272	3.7	151	2.8	121	6.5
1-6 days	145	2.0	84	1.5	61	3.3
7-27 days	83	1.1	44	0.8	39	2.1
Under 1 month	503	6.9	282	5.2	221	11.9
1 month	69	0.9	45	0.8	24	1.3
2 months	80	1.1	52	1.0	28	1.5
3 months	37	0.5	20	0.4	17	0.9
4 months	25	0.3	16	0.3	9	0.5
5 months	19	0.3	10	0.2	9	0.5
6 months	17	0.2	13	0.2	4	0.2
7 months	14	0.2	8	0.1	6	0.3
8 months	9	0.0	1	0.0	2	0.1
9 months	10	0.1	5	0.1	5	0.3
10 months	4	0.1	3	0.1	1	0.1
11 months	8	0.1	4	0.1	4	0.2

mortality rate in 1989 was 6.8 per 1,000 live births, 4.6 percent higher than in 1988. Of the 500 neonatal deaths, 272 or 54.4 percent occurred among babies under 1 day of age, and an additional 145 or 29.0 percent died at 1-6 days of age; thus, 83.4 percent of the neonatal deaths occurred within the first week of life.

Of the 500 neonatal deaths in 1989, whites accounted for 279 deaths and other races, 221; corresponding rates were 5.1 per 1,000 white live births and 11.9 per 1,000 live births for all other races. The neonatal mortality rate for infants of other races was more than twice as high as that for white infants. This racial differential represented a slight increase when compared to that of 1988 when the neonatal mortality rate was 11.3 for other races and 4.9 for white infants.

The two leading causes of death in the neonatal period were congenital anomalies with 100 deaths; followed by disorders relating to short gestation

and unspecified low birthweight with 87 deaths.

Mortality in the postneonatal period was much lower than in the neonatal period. In 1989, there were 289 postneonatal deaths with a rate of 4.0 per 1,000 live births. The postneonatal mortality rate of 3.3 per 1,000 live births for white infants decreased by 2.9 percent from the rate of 3.4 in 1988; however, the postneonatal mortality rate of 5.9 for all other races in 1989 decreased by 15.7 percent from the comparable rate of 7.0 in the preceding year.

The two leading causes of death in the postneonatal period were sudden infant death syndrome with 126 deaths followed by congenital anomalies with 32 deaths.

Maternal Mortality: Two Tennessee mothers were reported to have died from complications of pregnancy, childbirth, and the puerperium in 1989 giving a maternal mortality rate of 0.3 per 10,000 live births. In 1988, there were eight maternal deaths with a corresponding rate of 1.1. One of the maternal deaths in 1989 was a white woman and one was of other races. The cause of the two maternal deaths was toxemia of pregnancy.

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the *Ninth Revision International Classification of Diseases, 1975*.

The seven principal causes of death (as shown in Table 16) accounted for 35,624 or 78.5 percent of the total 45,362 deaths of Tennessee residents in 1989. The leading causes were the same as in 1988. Three of the seven showed increases in the death rates from 1988 to 1989. The death rate in 1989 for diabetes mellitus showed the largest increase, 25.3 percent higher than the rate of 14.6 in 1988. Other increases

are as follows: malignant neoplasms with an increase of 1.8 percent and chronic obstructive pulmonary disease and allied conditions, with an increase

TABLE 16. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	Deaths	
	Number	Rate
All causes	45,362	905.2
1. Diseases of heart (390-398, 402, 404-429)	15,364	306.6
2. Malignant neoplasms (140-208)	10,181	203.2
3. Cerebrovascular disease (430-438)	3,598	71.8
4. Accidents and adverse effects (E800-E949)	2,277	45.4
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,780	35.5
6. Pneumonia and influenza (480-487)	1,509	30.1
7. Diabetes mellitus (250)	915	18.3

of 0.6 percent. The four leading causes of death that showed decreases in rate from 1988 were: pneumonia and influenza, 8.0 percent; accidents and adverse effects, 7.5 percent; cerebrovascular disease, 5.4 percent; and diseases of heart, 5.1 percent.

TABLE 17. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	Deaths	
	Number	Rate
Male		
All causes	23,990	983.6
1. Diseases of heart (390-398, 402, 404-429)	7,895	323.7
2. Malignant neoplasms (140-208)	5,619	230.4
3. Accidents and adverse effects (E800-E949)	1,550	63.6
4. Cerebrovascular disease (430-438)	1,495	61.3
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,107	45.4
6. Pneumonia and influenza (480-487)	712	29.2
7. Suicide (E950-E959)	551	22.6
Female		
All causes	21,371	890.8
1. Diseases of heart (390-398, 402, 404-429)	7,469	290.4
2. Malignant neoplasms (140-208)	4,562	177.4
3. Cerebrovascular disease (430-438)	2,103	81.8
4. Pneumonia and influenza (480-487)	797	31.0
5. Accidents and adverse effects (E800-E949)	727	28.3
6. Chronic obstructive pulmonary disease and allied conditions (490-496)	673	26.2
7. Diabetes mellitus (250)	569	22.1

The seven principal causes of death for males and females in 1989 are shown in Table 17. For both males and females, the causes were the same and in the same rank order as in 1988. Of the six leading causes common to both sexes, death rates were higher for males than for females with the exception of

TABLE 18. PRINCIPAL CAUSES OF DEATH FOR EIGHT AGE GROUPS WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1969

Cause of Death 1-14 Years	All Races		White		All Other Races		Cause of Death 45-64 Years	All Races		White		All Other Races	
	Num- ber	Rate	Num- ber	Rate	Num- ber	Rate		Num- ber	Rate	Num- ber	Rate	Num- ber	Rate
All causes	287	28.7	197	25.5	90	39.7	5. Chronic obstructive pulmonary disease and allied conditions (490-496)	330	34.0	296	35.0	34	27.0
1. Accidents and adverse effects (E800-E949)	142	14.2	109	14.1	33	14.6	6. Diabetes (250)	193	19.9	134	15.8	59	46.9
2. Malignant neoplasms (140-208) ..	30	3.0	26	3.4	4	1.8	7. Chronic liver disease and cirrhosis (571)	192	19.8	159	18.8	33	26.2
3. Congenital anomalies (740-759) ..	27	2.7	18	2.3	9	4.0							
4. Homicide and legal intervention (E960-E978)	10	1.0	2	0.3	8	3.5	65-74 Years						
5. Diseases of heart (390-398, 402, 404-429)	9	0.9	5	0.6	4	1.8	All causes	10,264	2951.4	8,517	2779.8	1,747	4221.3
15-24 Years							1. Diseases of heart (390-398, 402, 404-429)	3,538	1017.3	2,947	961.9	591	1428.1
All causes	754	100.7	594	99.4	158	104.4	2. Malignant neoplasms (140-208) ..	3,084	886.8	2,585	843.7	499	1205.8
1. Accidents and adverse effects (E800-E949)	401	53.6	356	59.6	45	29.7	3. Cerebrovascular disease (430-438)	645	185.5	497	162.2	148	357.6
2. Suicide (E950-E959)	98	13.1	80	13.4	17	11.2	4. Chronic obstructive pulmonary disease and allied conditions (490-496)	622	178.9	567	185.1	55	132.9
3. Homicide and legal intervention (E960-E978)	86	11.5	35	5.9	50	33.0	5. Diabetes mellitus (250)	268	77.1	201	65.6	67	161.9
4. Malignant neoplasms (140-208) ..	43	5.7	36	6.0	7	4.6	6. Accidents and adverse effects (E800-E949)	235	67.6	191	62.3	44	106.3
5. Diseases of heart (390-398, 402, 404-429)	22	2.9	12	2.0	10	6.6	7. Pneumonia and influenza (480-487)	198	56.9	162	52.9	36	87.0
25-34 Years							75-84 Years						
All causes	1,177	137.8	867	125.2	310	191.8	All causes	12,981	6669.7	11,098	6530.3	1,882	7625.0
1. Accidents and adverse effects (E800-E949)	407	47.7	343	49.5	64	39.6	1. Diseases of heart (390-398, 402, 404-429)	4,929	2532.5	4,268	2511.4	661	2678.1
2. Homicide and legal intervention (E960-E978)	159	18.6	78	11.3	81	50.1	2. Malignant neoplasms (140-208) ..	2,619	1345.7	2,212	1301.6	407	1649.0
3. Suicide (E950-E959)	145	17.0	127	18.3	18	11.1	3. Cerebrovascular disease (430-438)	1,339	688.0	1,103	649.0	236	956.2
4. Malignant neoplasms (140-208) ..	96	11.2	73	10.5	23	14.2	4. Chronic obstructive pulmonary disease and allied conditions (490-496)	621	319.1	563	331.3	58	235.0
5. Diseases of heart (390-398, 402, 404-429)	81	9.5	51	7.4	30	18.6	5. Pneumonia and influenza (480-487)	504	259.0	436	256.6	68	275.5
35-44 Years							6. Diabetes mellitus (250)	281	144.4	207	121.8	74	299.8
All causes	1,621	218.4	1,186	190.4	433	363.1	7. Accidents and adverse effects (E800-E949)	260	133.6	236	138.9	24	97.2
1. Malignant neoplasms (140-208) ..	360	48.5	278	44.6	82	68.8	85 Years and Over						
2. Diseases of heart (390-398, 402, 404-429)	301	40.6	212	34.0	89	74.6	All causes	8,993	11792.4	7,810	11915.8	1,183	11037.5
3. Accidents and adverse effects (E800-E949)	276	37.2	218	35.0	57	47.8	1. Diseases of heart (390-398, 402, 404-429)	3,835	5026.8	3,344	5102.0	491	4581.1
4. Suicide (E950-E959)	125	16.8	116	18.6	9	7.5	2. Cerebrovascular disease (430-438)	1,153	1511.9	1,007	1536.4	146	1362.2
5. Homicide and legal intervention (E960-E978)	106	14.3	60	9.6	46	38.6	3. Malignant neoplasms (140-208) ..	961	1260.1	813	1240.4	148	1380.9
45-64 Years							4. Pneumonia and influenza (480-487)	636	834.0	560	854.4	76	709.1
All causes	8,484	873.5	6,840	809.0	1,644	1307.4	5. Atherosclerosis (440)	216	283.2	196	299.0	20	186.6
1. Malignant neoplasms (140-208) ..	2,987	307.6	2,475	292.7	512	407.2	6. Chronic obstructive pulmonary disease and allied conditions (490-496)	184	241.3	164	250.2	20	186.6
2. Diseases of heart (390-398, 402, 404-429)	2,633	271.1	2,088	247.0	545	433.4	7. Accidents and adverse effects (E800-E949)	170	222.9	156	238.0	14	130.6
3. Cerebrovascular disease (430-438)	373	38.4	270	31.9	103	81.9							
4. Accidents and adverse effects (E800-E949)	365	37.6	309	36.5	56	44.5							

Totals may include one or more deaths with race unknown.

cerebrovascular disease and pneumonia and influenza. Of the four leading causes for which death rates for the male population were higher than those for the female population, the greatest relative excess was for accidents and adverse effects where the rate for males was more than two times that for females.

Mortality by cause differed by age group and race. (See Table 18 for principal causes of death for eight age groups.) For the first four age groups, only five causes are shown due to the small numbers of deaths involved. For the four older age groups, the larger numbers of deaths make the listing of seven causes meaningful. Table III gives more detailed information regarding cause of death by race, sex, and age.

During 1989, there were 287 deaths of children 1-14 years of age with a rate of 28.7 per 100,000 population. There were 197 deaths among white children with a rate of 25.5 per 100,000 white population and 90 deaths among children of all other races with a rate of 39.7. Accidents and adverse effects was the leading cause of death for children of all races in this age group as well as for children of both racial groups. For white children 1-14 years of age, there were 109 deaths from accidents or 55.3 percent of the total white deaths; 33 deaths or 36.7 percent of the total deaths of races other than white were from this cause. Malignant neoplasms ranked as the second leading cause of death for children of all races and for white children in this age group, followed by congenital anomalies. Homicide and legal intervention and diseases of heart ranked as the fourth and fifth leading causes of death for all races and for white children, but in reverse order. For races other than white in this age group, congenital anomalies ranked as the second leading cause of death followed by homicide and legal intervention. Malignant neoplasms and diseases of heart tied as the fourth leading cause of death.

In the 15-24 year age group, accidents and adverse effects was the leading cause of death with 401 or 53.2 percent of the 754 deaths. Suicide was the second leading cause of death, followed by homicide and legal intervention, malignant neoplasms, and diseases of heart. It is noteworthy that 77.6 percent of all deaths in this age group were from external causes which are potentially preventable.

For the age group 25-34 years, the five leading causes of death were the same and in the same rank order as for the preceding age group with the exception of homicide and legal intervention, and suicide which were in reverse order. Death rates for the leading causes for all races in this age group, except rates for accidents and adverse effects, were higher than those for the age group 15-24 years. In this age group, 60.4 percent of the deaths were from external causes.

The five principal causes of death in the age group 35-44 years, were the same as those for the two preceding age groups but in a different rank order. Malignant neoplasms was the leading cause of death for this age group followed by diseases of heart, accidents and adverse effects, suicide, and homicide and legal intervention. In contrast to the 15-24 year age group, only 31.3 percent of the deaths in the 35-44 year age group were from external causes. Deaths from external causes accounted for over one-half of the deaths of persons 1-44 years of age.

In the age group 45-64 years, the leading cause of death was malignant neoplasms, accounting for 2,987 or 35.2 percent of deaths in this age group. Diseases of heart ranked second with 31.0 percent, followed by cerebrovascular disease and accidents and adverse effects. Chronic obstructive pulmonary disease and allied conditions and diabetes ranked fifth and sixth, respectively, for ages 45-64 years. Chronic liver disease and

cirrhosis was the seventh leading cause of death for this age group in 1989.

Diseases of heart was the leading cause of death in the 65-74 year age group with 3,538 deaths or 34.5 percent followed by malignant neoplasms with 3,084 or 30.0 percent. Cerebrovascular disease ranked third followed by chronic obstructive pulmonary disease and allied conditions, diabetes mellitus, accidents and adverse effects, and pneumonia and influenza.

For the age group 75-84 years, diseases of heart ranked first for the leading cause of death with a total of 4,929 deaths or 38.0 percent. Malignant neoplasms with 2,619 deaths or 20.2 percent of deaths ranked second, followed by cerebrovascular disease, chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes, and accidents and adverse effects.

For the age group 85 years and over, 3,835 or 42.6 percent were attributed to diseases of heart. Cerebrovascular disease and malignant neoplasms ranked second and third, respectively, in the 85 years and over age group, the reverse order of the two previous age groups. Pneumonia and influenza ranked fourth followed by atherosclerosis, chronic obstructive pulmonary disease and allied conditions, and accidents and adverse effects.

Diseases of Heart: Diseases of heart, the leading cause of death for the State in 1989, accounted for 15,364 deaths, corresponding to a rate of 306.6 per 100,000 population. Deaths due to this cause in 1989 showed a decrease of 4.0 percent from the 16,010 deaths in 1988, while the rate decreased by 5.1 percent from the 1988 rate of 323.0. Of the total number of deaths reported to be due to diseases of heart in 1989, there were 10,246 deaths or 66.7 percent classified as ischemic heart disease.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of

mortality in Tennessee during 1989, was responsible for 10,181 deaths or a rate of 203.2 per 100,000 population. The number of deaths in 1989 reflected an increase of 2.9 percent over the 9,894 deaths in 1988; and a death rate increase of 1.8 percent over the rate of 199.6 during the preceding year. The white population experienced 8,499 deaths from this cause corresponding to a rate of 205.7, while deaths of persons of other races numbered 1,682 with a rate of 191.2. Comparable death rates for the white population and the population of races other than white in 1988 were 204.1 and 178.7, respectively; thus, the death rate for whites increased 0.8 percent from 1988 to 1989 and that for persons of other races increased 7.0 percent.

TABLE 19. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Primary Site	All Races		White		All Other Races	
	Num- ber	Rate	Num- ber	Rate	Num- ber	Rate
Total	10,181	203.2	8,499	205.7	1,682	191.2
Lip, oral cavity, and pharynx (140-149)	160	3.2	139	3.4	21	2.4
Digestive organs and peritoneum (150-159)	2,345	46.8	1,911	46.3	434	49.3
Respiratory and intrathoracic organs (160-165)	3,283	65.5	2,785	67.4	498	56.6
Breast (174-175)	778	15.5	639	15.5	139	15.8
Uterus (179-182)##	227	8.8	164	7.8	63	13.8
Other female genital organs (183-184)##	255	9.9	237	11.2	18	3.9
Male genital organs (185-187)## ..	643	26.4	475	23.6	168	39.8
Urinary organs (188-189)	401	8.0	342	8.3	59	6.7
Skin (172-173)	205	4.1	197	4.8	8	0.9
Brain (191)	259	5.2	243	5.9	16	1.8
Other and unspecified (170, 171, 190, 192-199)	671	13.4	541	13.1	130	14.8
Leukemia (204-208)	365	7.3	323	7.8	42	4.8
Other lymphatic and hematopoietic tissue (200-203)	589	11.8	503	12.2	86	9.8

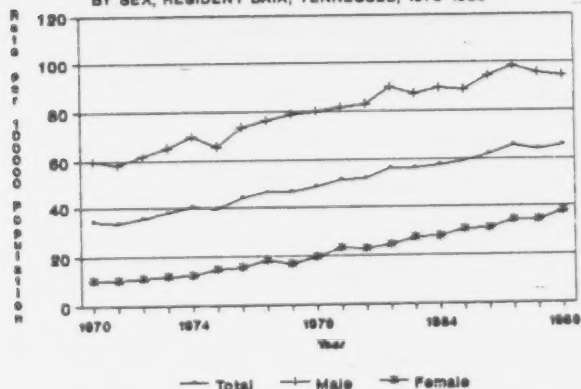
##Rate per sex-specific population.

Mortality from malignant neoplasms varied according to primary site (as shown in Table 19). In 1989, the most frequently stated primary site was the respiratory and intrathoracic organs for which the death rate of 65.5 per 100,000 population reflected an increase of 2.2 percent increase over the comparable

rate of 64.1 in 1988. The digestive organs and peritoneum, for which the death rate in 1989 was 46.8, ranked second and showed an increase of 6.4 percent over the rate of 44.0 for the preceding year. These two sites accounted for 5,628 deaths or 55.3 percent of all deaths from malignant neoplasms in 1989. In 1989, for the sites skin and brain, the white rates were substantially higher than the rates for other races. For the site male genital organs, the rates were substantially higher for all other races than for the white race.

The mortality rates for malignant neoplasms for most of the major primary sites have remained relatively stable over the 20-year period 1970-1989 (Table II). For the site respiratory and intrathoracic organs, however, large

FIGURE 7. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS OF THE RESPIRATORY AND INTRATHORACIC ORGANS, BY SEX, RESIDENT DATA, TENNESSEE, 1970-1989



increases have been noted (Figure 7). The total malignant neoplasm death rate for respiratory and intrathoracic organs increased by 90.4 percent from 34.4 per 100,000 population in 1970 to 65.5 in 1989. The female mortality rate for this site increased by 257.5 percent in the 20 years from a rate of 10.6 to a rate of 37.9 per 100,000 female population, while the comparable male mortality rate increased by 58.4 percent, from a rate of 59.8 to a rate of 94.7 per 100,000 male population.

Cerebrovascular Disease: In 1989, deaths from cerebrovascular disease, the third principal cause of death, numbered 3,598, corresponding to a rate of 71.8 per 100,000 population. Among the white population, deaths from this cause numbered 2,927 with a rate of 70.8; among those of all other races, there were 671 deaths with a rate of 76.3. The death rate for the white population showed a decrease of 5.7 percent, while the rate for races other than white decreased 4.1 percent from the comparable rate in 1988.

For the years 1970-1989, the death rate for cerebrovascular disease has been higher for white females than white males. Beginning in 1980, females of other races have had a higher death rate than their male counterparts.

Accidents and Adverse Effects: Accidents and adverse effects, the fourth principal cause of death, resulted in the deaths of 2,277 Tennessee residents during 1989, corresponding to a rate of 45.4 per 100,000 population. The number of deaths showed a decrease of 6.5 percent from the 2,435 deaths in 1988, while the rate decreased 7.5 percent from the rate of 49.1 for the preceding year.

The death rate for males was over two times that for females in both racial groups. The excess mortality in males over females was observed in every age group for both racial groups with the exception of the 5-9 year age group, in which the female rate exceeded the male rate for both races. The increased mortality from accidents among young people, particularly white males 15-29 years of age, is associated with the high incidence of motor vehicle accidents.

Comparison of mortality from accidents and adverse effects by race and sex, as shown in Table II, indicates that the death rate for white males, all ages combined, was 13.3 percent higher than the comparable rate for males of

other races. The death rate for white females, all ages combined, was 27.8 percent higher than the rate for females of other races.

TABLE 20. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS
ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000
POPULATION, RESIDENT DATA, TENNESSEE, 1989

Type of Accident	Deaths	
	Number	Rate
Total	2,277	45.4
Motor vehicle (E810-E825)	1,138	22.7
Water transportation (E830-E838)	22	0.4
Air and space transportation (E840-E845)	20	0.4
Other transport (E800-E807, E826-E829, E846-E848)	18	0.4
Poisoning by drugs, medicaments, and biologicals (E850-E858)	74	1.5
Poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	21	0.4
Falls (E880-E888)	283	5.6
Fire and flames (E890-E899)	144	2.9
Natural and environmental factors (E900-E909)	42	0.8
Drowning and submersion (E910)	85	1.7
Suffocation by food or other object (E911-E912)	90	1.8
Mechanical suffocation (E913)	19	0.4
Struck by falling object (E916)	29	0.6
Machinery (E919)	45	0.9
Firearm missile (E922)	77	1.5
Electric current (E925)	25	0.5
Other (E870-E875, E878-E879, E914-E915, E917-E918, E920-E921, E923-E924, E926-E949)	144	2.9

Data on mortality from accidents and adverse effects according to type of accident in 1989 are given in Table 20. There were 1,138 deaths due to motor vehicle accidents. The next three most frequently reported types of fatal accidents were: falls, 283; fire and flames, 144; and suffocation by food or other object, 90.

TABLE 21. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE
EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES,
RESIDENT DATA, TENNESSEE, 1989

Class of Accident	Number	Percent
Total	2,277	100.0
Home	411	18.1
Motor vehicle	1,138	50.0
Occupational	85	3.7
Other public	375	16.5
Unspecified or unknown	267	11.7

In Table 21, the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 50.0 percent of all accidental deaths; home accidents, 18.1 percent; other public, 16.5 percent; occupational, 3.7 percent; and

unspecified accidents, 11.7 percent. In addition to the 85 deaths from occupational accidents, there were 26 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus, the total number of occupational accidental deaths was 111.

Average annual death rates for each class of accident by age for 1987-1989 are given in Table 22. The risk of a

TABLE 22. AVERAGE ANNUAL DEATH RATES PER 100,000 POPULATION FOR
ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT,
BY AGE, RESIDENT DATA, TENNESSEE, 1987-1989

Age Group	Home	Motor Vehicle	Occupational	Other Public
All ages	8.4	25.0	1.5	7.3
Under 5 years	12.0	7.1	-	1.7
5-19 years	3.4	7.0	-	1.8
10-14 years	4.2	9.7	-	2.4
15-19 years	3.7	50.8	0.9	3.5
20-24 years	3.1	46.1	1.1	7.3
25-29 years	4.7	34.5	2.1	6.0
30-34 years	6.7	30.3	2.5	5.4
35-44 years	5.2	22.4	2.5	5.7
45-54 years	4.7	19.5	2.3	5.4
55-64 years	9.1	19.1	2.1	6.6
65-74 years	15.7	25.2	1.3	10.9
75-84 years	34.8	33.4	1.4	32.0
85 years and over	69.1	26.1	1.4	65.8

fatal home accident was comparatively greater for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 23. Home accidents took the lives of 411 Tennessee residents in 1989, yielding a death rate of 8.2 per 100,000 population. Of these, 331 deaths were of white persons and 80 were of persons of other races with death rates of 8.0 and 9.1, respectively. Thus, the rate of mortality from home accidents was 13.8 percent greater for persons of races other than white.

The most frequently reported type of home accident was fire and flames with 129 deaths; falls ranked second with 123

deaths. Together, these two types of accidents accounted for 61.3 percent of all home accidents.

TABLE 23. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Type of Accident	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total.....	411	8.2	331	8.0	80	9.1
Poisoning.....	43	0.9	31	0.8	12	1.4
Falls.....	123	2.5	110	2.7	13	1.5
Fire and flames.....	129	2.6	99	2.4	30	3.4
Drowning.....	9	0.2	6	0.1	3	0.3
Suffocation by food or other object.....	19	0.4	14	0.3	5	0.6
Mechanical suffocation..	4	0.1	3	0.1	1	0.1
Firearm missile.....	42	0.8	31	0.8	11	1.3
Other.....	42	0.8	37	0.9	5	0.6

Differences in the risk of mortality between the white population and the population of races other than white varied according to type of home accident. For the white population, the death rate was highest for falls. Other races had a mortality rate almost one and one-half times that of whites for deaths due to fire and flames.

Motor Vehicle Accidents: There were 1,138 deaths of Tennessee residents due to motor vehicle accidents, or 22.7 per 100,000 population. The number of deaths was 11.6 percent lower than the comparable figure of 1,288 in 1988.

Most of the fatalities, 96.3 percent, occurred on public highways and rights-of-way. In 469 or 41.2 percent of the total motor vehicle deaths, there was a collision with another motor vehicle, and in an additional 7.4 percent or 84 deaths, there was a collision with a pedestrian. Deaths resulting from non-collision accidents on public highways accounted for 157 deaths or 13.8 percent of the total motor vehicle deaths, and the majority of these were due to loss of control of the vehicle.

Of the 946 deaths of motor vehicle occupants involved in traffic accidents in 1989, 675 or 71.4 percent were not using a seat belt. In 103 or 10.9 percent of the deaths, the seat belt was

used. For the remaining 168 or 17.8 percent of the deaths, it was unknown if seat belts were in use.

In 1989, motor vehicle accidents to Tennessee residents caused 2.6 deaths per 10,000 registered vehicles, compared with 3.0 in 1988.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1989, accounted for 1,780 deaths, giving a death rate of 35.5 per 100,000 population. The rate was 0.6 percent higher than the rate of 35.3 for this group of causes in 1988. The death rate of 38.8 for the white population was almost two times higher than the rate of 19.9 for the population of races other than white. The rate for males of all races was over one and one-half that of their female counterparts. Of the 1,780 deaths from this group of causes, 1,319 were assigned to chronic airways obstruction, not elsewhere classified, 266 to emphysema, 88 to bronchitis, 79 to asthma, and 28 to bronchiectasis.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 1,509 deaths of Tennessee residents in 1989, corresponding to a rate of 30.1 per 100,000 population. The death rate for this cause in 1989 showed a decrease of 8.0 percent from the comparable rate of 32.7 in 1988. This cause accounted for 1,280 deaths in the white population, while 229 deaths were reported in the population of races other than white.

Nineteen Tennessee residents died from influenza in 1989, an increase over the twenty-eight deaths reported in 1988. The influenza death rate of 0.4 was a decrease of 33.3 percent from the rate of 0.6 in 1988. Of the 19 deaths from influenza in 1989, 12 occurred to persons 65 years of age and over. In 1988, 27 of the 28 deaths from influenza were in the 65 years and over age group.

During 1989, 18 of the 19 deaths from influenza occurred during the first 3 months of the year (January, 6 deaths; February, 8 deaths; and March, 4 deaths) the remaining death occurred in December.

Pneumonia was responsible for 98.7 percent of all deaths attributed to pneumonia and influenza. The 1,490 deaths due to pneumonia in 1989 represented a 6.5 percent decrease relative to the 1,593 deaths in 1988, while the rate of 29.7 in 1989 decreased by 7.5 percent from the rate of 32.1 in 1988.

Diabetes Mellitus: In 1989, there were 915 deaths of Tennessee residents due to diabetes mellitus, the seventh leading cause of death, corresponding to a rate of 18.3 per 100,000 population. The number of deaths showed an increase of 26.2 percent over the 725 deaths in 1988, while the rate increased 25.3 percent over the rate of 14.6. In 1989, of the 915 deaths, 679 were white and 235 were other races. The death rate of 26.7 for races other than white was 62.8 percent higher than the rate of 16.4 for the white population.

Suicide: There were 671 deaths of Tennessee residents stated to be by suicide in 1989 with a rate of 13.4 per 100,000 population. The number of suicides represented an increase of 1.4 percent over the 662 suicides in 1988, while the rate did not change from 1988 to 1989. The death rate of 14.8 for the white population was over twice that of 6.7 for other races. Also, the death rate of 22.6 from suicide for males was almost five times the comparable rate of 4.7 for females in 1989.

Homicide and Legal Intervention: In 1989, there were 462 deaths by homicide and legal intervention with a rate of 9.2 per 100,000 population. The number of homicides represented a decrease of 9.2 percent from the 509 homicides in 1988, while the rate showed a decrease of 10.7 percent from the rate of 10.3 in

1988. The rate of 25.9 for races other than white was over four and one-half times the white rate of 5.6.

Of the 462 homicides, 326 or 70.6 percent of these deaths were due to firearms, which was a decrease of 7.1 percent from 1988. The rate of 6.5 per 100,000 population in 1989 showed a decrease of 8.5 percent from the rate of 7.1 in 1988. The death rate of 6.0 for white males in 1989 represented a 1.7 percent increase over the rate of 5.9 in 1988. In contrast, the 1989 rate of 34.3 for males of races other than white represented a decrease of 11.4 percent from the rate of 38.7 for the preceding year.

Of the 462 deaths from homicide and legal intervention in 1989, the death of 1 other races male was attributed to legal intervention as compared with the deaths of two white males in 1988.

Nephritis, Nephrotic Syndrome, and Nephrosis: In 1989, there were 387 deaths from nephritis, nephrotic syndrome, and nephrosis corresponding to a rate of 7.7 per 100,000 population. Among the white population, deaths from this cause numbered 291 with a rate of 7.0; among those of other races, there were 96 deaths with a rate of 10.9. The death rate for the white population decreased 7.9 percent from the rate of 7.6 in 1988, while the rate for races other than white decreased 22.1 percent from the rate of 14.0 in 1988.

Atherosclerosis: In 1989, there were 419 deaths due to atherosclerosis corresponding to a rate of 8.4 per 100,000 population. For the white population, the rate of 11.4 per 100,000 population for females was 78.1 percent higher than the rate of 6.4 for males. For the population of races other than white, the rate of 6.8 for females was 70.0 percent higher than the rate of 4.0 for males. The rate of 10.6 for females of all races combined in 1989 showed a 9.3 percent increase over the rate of 9.7 in 1988, while the male rate

decreased 14.3 percent to 6.0 from the 1988 rate of 7.0. In 1989, there were only 9 deaths from atherosclerosis occurring to persons under 55 years of age in contrast to 216 deaths to persons aged 85 years and over.

Chronic Liver Disease and Cirrhosis:

In 1989, there were 425 deaths from chronic liver disease and cirrhosis with a rate of 8.5 per 100,000 population. Of those who died from this cause, 356 were white corresponding to a rate of 8.6, and 69 were of races other than white with a rate of 7.8. The death rate of 8.6 for the white population did not change from 1987 to 1989. The rate of 7.8 for the population of races other than white increased 8.3 percent over the rate of 7.2 for the preceding year.

Acute Infectious and Parasitic Diseases:

There were two deaths attributed to meningococcal infection and three deaths to viral encephalitis. Other deaths due to infectious diseases included: septicemia, 296; viral hepatitis, 58; and syphilis, 1. There were no deaths attributed to amebiasis, Rocky Mountain spotted fever, shigellosis, measles, or whooping cough.

Human Immunodeficiency Virus (HIV)

Infection: During 1989, there were 144 deaths (107 whites, 37 of other races) reported from the human immunodeficiency virus (HIV) infection, more commonly referred to as AIDS. The rate was 2.9 per 100,000 population. In 1988, there were 110 deaths with a rate of 2.2 per 100,000 population.

Males accounted for 90.3 percent of the deaths due to AIDS in 1989. Of these 130 males, 96 were aged 25-44 years. AIDS was the sixth leading cause of death among men 25-44 years of age. Of the 14 females who died from AIDS, 8 were in this same age group.

Beginning with data for 1987, the National Center for Health Statistics (NCHS) introduced new category numbers *042-*044 for classifying and coding the

human immunodeficiency virus (HIV) infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision of the International Classification of Diseases (ICD-9)*. During the period 1983-1986, the condition code 279.1 was used in accordance with instructions from the National Center for Health Statistics in consultation with World Health Organization officials. This code (279.1) was not unique for AIDS; other conditions were also included in the category. Caution should be exercised when comparing 1987-1989 data with previous years.

Tuberculosis: In 1989, the deaths of 58 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 1.2 per 100,000 population. Of these deaths, 44 occurred in the white population and 14 in the population of races other than white. The death rates were 1.1 for whites and 1.6 for all other races; comparable rates for tuberculosis in 1988 were 1.2 and 1.4, respectively. Mortality from tuberculosis was higher for males of both racial groups than for females. There were only 2 deaths from tuberculosis in 1989 occurring to a person under 45 years of age, in contrast to 45 deaths to persons aged 65 years and over.

Marriages: In 1989, the 44th year for which data for marriages have been analyzed and included in the *Vital Statistics Bulletin*, 64,990 marriages were recorded in Tennessee as shown in Table 24. This represented a decrease of 0.5 percent from the 65,326 marriages recorded in 1988. Effective July 1, 1985 the State law requiring a pre-marital medical examination was repealed. This change may have contributed to the increase in number of marriages in Tennessee during the following 3 years.

Effective May 2, 1989, marriages for which the couple obtained a Tennessee marriage license, but had a ceremony

performed out of state are now valid. Of the 64,990 recorded marriages, 44 marriages were performed in another state (Table VII).

TABLE 24. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1980-1989

Year	Marriages	Persons Married	
	Recorded	Number	Rate
1980.....	59,176	118,352	25.8
1981.....	60,056	120,116	25.9
1982.....	57,891	115,782	24.7
1983.....	56,467	112,934	23.9
1984.....	55,203	110,406	23.4
1985.....	54,997	109,994	22.9
1986.....	59,730	119,460	24.6
1987.....	61,358	122,716	25.0
1988.....	65,326	130,652	26.4
1989.....	64,990	129,980	25.9

During 1989, of the 64,990 marriages recorded in Tennessee, 42.2 percent occurred in 5 counties: Davidson, 6,085; Hamilton, 3,070; Knox, 3,346; Shelby, 8,127; and Sevier (resort town of Gatlinburg), 6,789.

In 1989, the most frequently stated age at marriage was 18 years for the bride and 23 years for the groom.

Data regarding the previous marital status of the bride and groom are shown in Table 25. In 29.3 percent of the marriages, both the bride and groom were marrying for the first time, while in 35.6 percent of the marriages, both the bride and groom had been previously married.

TABLE 25. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1989

Groom	Total	Single	Bride		
			Widowed	Divorced	Unknown
Total.....	64,990	23,995	2,606	26,394	9,995
Single.....	24,649	19,014	227	5,287	121
Widowed.....	2,116	142	948	956	70
Divorced.....	28,119	4,773	1,331	19,888	2127
Unknown.....	10,106	66	100	2,263	7677

Divorces: In 1989, the 44th consecutive year for which data for divorces have been analyzed and included

in the *Vital Statistics Bulletin*, 31,853 divorces were recorded in Tennessee. This represented an increase of 1.8 percent over the 31,287 divorces in 1988. There were 63,706 persons granted divorces in 1989, giving a divorce rate of 12.7 divorced persons per 1,000 population. Table 26 presents the number of divorces recorded and divorce rates for the years 1980-1989.

TABLE 26. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1980-1989

Year	Divorces	Persons Divorced	
	Recorded	Number	Rate
1980.....	30,283	60,566	13.2
1981.....	31,135	62,270	13.4
1982.....	29,765	59,530	12.7
1983.....	29,418	58,836	12.4
1984.....	29,697	59,394	12.6
1985.....	29,860	59,720	12.4
1986.....	30,031	60,062	12.4
1987.....	30,324	60,648	12.4
1988.....	31,287	62,574	12.6
1989.....	31,853	63,706	12.7

Of the 31,853 divorces, 3.3 percent or 1,063 were obtained within the first year of marriage, and 47.8 percent or 15,224 were granted to couples who were married 5 years or less. Divorces were granted to 3,319 couples or 10.4 percent who had been married 20 years or more. No minor children were involved in 48.4 percent or 15,425 of the divorces; for another 26.1 percent or 8,300 of the divorces, only 1 minor child was involved.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to the number of marriages that occurs in the same time period. The marriages that end in divorce have occurred at various times and in various states.

S U M M A R Y

SUMMARY OF TENNESSEE RESIDENT VITAL STATISTICS FOR 1989

Population	Total	5,011,194	The total population increased
	White	4,131,649	by 1.1 percent.
	Other Races	879,545	
Live Births			The number, birth rate, and
Number		73,137	fertility rate increased
Birth Rate		14.6	over 1988.
Fertility Rate		62.8	
(per 1,000 females 15-44)			
Fetal Deaths			Both the number and ratio decreased
Number		421	from 1988.
Ratio		5.8	
Births to Teenage Mothers (10-17)			The number increased, but the percentage
Number		4,826	decreased when compared with 1988.
Percent		6.6	
Induced Abortions			Both the number and ratio decreased
Number		18,183	from 1988.
Ratio		248.6	
Total Pregnancies (women 10-49)			The pregnancy rate of 89.5 for women of
Number		91,741	other races was 60.7 percent higher
Rate		62.1	than the rate of 55.7 for white women.
Infant Deaths			The number increased, but the
Number		789	rate remained the same as in
Rate		10.8	1988.
Maternal Deaths			Both the number and rate decreased
Number		2	in 1989.
Rate		0.3	
Deaths			The crude death rate of 9.1 for whites
Number		45,362	was 3.4 percent higher than the rate
Rate		9.1	of 8.8 for other races.
Malignant Neoplasms			Malignant neoplasms remained the
Number		10,181	second leading cause of death, but
Rate		203.2	reflected an increase in both
			number and rate over 1988.
Deaths From Motor Vehicle Accidents			Motor vehicle accidents were
Number		1,138	responsible for 50.0 percent
Rate		22.7	of all accidental deaths.
Marriages			Both the number and rate of marriages
Number		64,990	decreased from 1988.
Rate		25.9	
Divorces			Both the number and rate of divorces
Number		31,853	increased over 1988.
Rate		12.7	

TABLE 1-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1970-1989

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded															
1970...	3,926,018	3,297,216	628,802	75,708	19.3	59,349	18.0	16,359	26.0	40,296	10.2	32,581	9.9	7,654	12.2
1971...	4,010,049	3,373,279	636,770	74,948	18.7	58,700	17.4	16,247	25.5	40,054	10.0	32,473	9.6	7,581	11.9
1972...	4,087,692	3,442,625	645,067	69,473	17.0	54,125	15.7	15,346	23.8	41,614	10.2	33,905	9.8	7,709	12.0
1973...	4,138,358	3,491,858	646,500	67,789	16.4	52,463	15.0	15,323	23.7	42,230	10.2	34,323	9.8	7,902	12.2
1974...	4,201,224	3,547,875	653,349	67,882	16.2	52,763	14.9	15,119	23.1	41,813	10.0	34,168	9.6	7,643	11.7
1975...	4,260,910	3,603,663	657,247	65,752	15.4	50,856	14.1	14,895	22.7	40,967	9.6	33,521	9.3	7,445	11.3
1976...	4,328,913	3,668,603	660,310	65,644	15.2	50,916	13.9	14,725	22.3	41,319	9.5	34,065	9.3	7,252	11.0
1977...	4,402,111	3,737,934	664,177	69,983	15.9	54,421	14.6	15,561	23.4	41,492	9.4	34,170	9.1	7,322	11.0
1978...	4,461,825	3,794,296	667,529	70,202	15.7	53,861	14.2	16,333	24.5	41,106	9.2	34,026	9.0	7,080	10.6
1979...	4,533,370	3,859,505	673,865	72,127	15.9	55,121	14.3	17,006	25.2	41,067	9.1	33,845	8.8	7,222	10.7
1980...	4,591,120	3,835,452	755,668	72,867	15.9	55,753	14.5	17,110	22.6	43,153	9.4	35,461	9.2	7,690	10.2
1981...	4,636,018	3,883,140	752,878	70,747	15.3	54,170	14.0	16,570	22.0	42,946	9.3	35,625	9.2	7,319	9.7
1982...	4,680,958	3,930,902	750,056	71,092	15.2	54,771	13.9	16,317	21.8	42,893	9.2	35,456	9.0	7,436	9.9
1983...	4,725,907	3,978,610	747,297	70,158	14.8	53,842	13.5	16,309	21.8	44,384	9.4	36,790	9.2	7,593	10.2
1984...	4,716,832	3,961,371	755,461	69,713	14.8	53,532	13.5	16,155	21.4	45,093	9.6	37,476	9.5	7,615	10.1
1985...	4,809,345	3,979,981	829,364	71,506	14.9	54,562	13.7	16,938	20.4	46,184	9.6	38,251	9.6	7,932	9.6
1986...	4,855,651	4,014,667	840,984	70,784	14.6	53,897	13.4	16,882	20.1	47,218	9.7	39,217	9.8	8,001	9.5
1987...	4,904,479	4,051,439	853,040	72,680	14.8	55,128	13.6	17,549	20.6	47,841	9.8	39,834	9.8	8,005	9.4
1988...	4,956,346	4,090,426	865,920	75,595	15.3	56,846	13.9	18,740	21.6	48,761	9.8	40,667	9.9	8,094	9.3
1989...	5,011,194	4,131,649	879,545	77,678	15.5	58,004	14.0	19,663	22.4	48,515	9.7	40,216	9.7	8,299	9.4
Resident															
1970...	.....	.....	.....	72,273	18.4	56,777	17.2	15,493	24.6	38,079	9.7	30,878	9.4	7,200	11.5
1971...	.....	.....	.....	71,202	17.8	56,075	16.6	15,125	23.8	37,783	9.4	30,671	9.1	7,112	11.2
1972...	.....	.....	.....	65,802	16.1	51,609	15.0	14,191	22.0	39,345	9.6	32,039	9.3	7,306	11.3
1973...	.....	.....	.....	64,303	15.5	50,113	14.4	14,187	21.9	39,724	9.6	32,319	9.3	7,394	11.4
1974...	.....	.....	.....	64,154	15.3	50,201	14.1	13,952	21.4	39,376	9.4	32,214	9.1	7,158	11.0
1975...	.....	.....	.....	62,265	14.6	48,453	13.4	13,808	21.0	38,522	9.0	31,504	8.7	7,013	10.7
1976...	.....	.....	.....	62,514	14.4	48,750	13.3	13,760	20.8	38,938	9.0	32,086	8.7	6,847	10.4
1977...	.....	.....	.....	66,632	15.1	52,110	13.9	14,521	21.9	39,080	8.9	32,110	8.6	6,970	10.5
1978...	.....	.....	.....	66,466	14.9	51,183	13.5	15,275	22.9	38,654	8.7	31,964	8.4	6,690	10.0
1979...	.....	.....	.....	68,326	15.1	52,303	13.6	16,021	23.8	38,712	8.5	31,837	8.2	6,875	10.2
1980...	.....	.....	.....	69,102	15.1	52,967	13.8	16,129	21.3	40,713	8.9	33,416	8.7	7,291	9.6
1981...	.....	.....	.....	67,050	14.5	51,429	13.2	15,614	20.7	40,480	8.7	33,533	8.6	6,941	9.2
1982...	.....	.....	.....	67,078	14.3	51,748	13.2	15,327	20.4	40,260	8.6	33,238	8.5	7,021	9.4
1983...	.....	.....	.....	65,465	13.9	50,489	12.7	14,989	20.1	41,604	8.8	34,438	8.7	7,161	9.6
1984...	.....	.....	.....	64,937	13.8	49,951	12.6	14,979	19.8	42,221	9.0	35,031	8.8	7,183	9.5
1985...	.....	.....	.....	66,730	13.9	50,989	12.8	15,735	19.0	43,176	9.0	35,729	9.0	7,444	9.0
1986...	.....	.....	.....	66,246	13.6	50,445	12.6	15,798	18.8	44,237	9.1	36,674	9.1	7,561	9.0
1987...	.....	.....	.....	67,942	13.9	51,410	12.7	16,528	19.4	44,884	9.2	37,307	9.2	7,572	8.9
1988...	.....	.....	.....	70,685	14.3	53,053	13.0	17,625	20.4	45,720	9.2	38,157	9.3	7,567	8.7
1989...	.....	.....	.....	73,137	14.6	54,504	13.2	18,620	21.2	45,362	9.1	37,575	9.1	7,782	8.8

Totals of events may include items with race not stated.

TABLE 1 (Continued)—POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1970-1989

Year	Fetal Deaths						Infant Deaths						Neonatal Deaths					
	All Races		White		All Other Races		All Races		White		All Other Races		All Races		White		All Other Races	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded																		
1970...	1,202	15.9	801	13.5	401	24.5	1,650	21.8	1,140	19.2	510	31.2	1,260	16.6	900	15.2	360	22.0
1971...	1,092	14.6	727	12.4	357	22.0	1,615	21.5	1,145	19.5	470	28.9	1,211	16.2	871	14.8	340	20.9
1972...	981	14.1	665	12.3	314	20.5	1,536	22.1	1,033	19.1	503	32.8	1,140	16.4	773	14.3	367	23.9
1973...	962	14.2	669	12.8	292	19.1	1,476	21.8	1,010	19.3	465	30.3	1,086	16.0	760	14.5	325	21.2
1974...	932	13.7	642	12.2	286	18.9	1,253	18.5	845	16.0	408	27.0	936	13.8	635	12.0	301	19.9
1975...	816	12.4	531	10.4	284	19.1	1,177	17.9	802	15.8	375	25.2	861	13.1	587	11.5	274	18.4
1976...	814	12.4	551	10.8	263	17.9	1,136	17.3	759	14.9	377	25.6	825	12.6	557	10.9	268	18.2
1977...	860	12.3	607	11.2	252	16.2	1,183	16.9	803	14.8	380	24.4	842	12.0	574	10.5	268	17.2
1978...	755	10.8	504	9.4	251	15.4	1,126	16.0	763	14.2	363	22.2	816	11.6	546	10.1	270	16.5
1979...	691	9.6	467	8.5	217	12.8	1,091	15.1	719	13.0	372	21.9	746	10.3	491	8.9	255	15.0
1980...	650	8.9	418	7.5	232	13.6	1,075	14.8	715	12.8	360	21.0	743	10.2	496	8.9	247	14.4
1981...	639	9.0	423	7.8	215	13.0	970	13.7	599	11.1	371	22.4	692	9.8	411	7.6	261	17.0
1982...	581	8.2	396	7.2	184	11.3	938	13.2	615	11.2	323	19.8	646	9.1	422	7.7	224	13.7
1983...	552	7.9	387	7.2	165	10.1	953	13.6	617	11.3	336	20.6	631	9.0	410	7.6	221	13.6
1984...	532	7.6	383	7.2	149	9.2	897	12.9	563	10.5	334	20.7	609	8.7	377	7.0	232	14.4
1985...	544	7.6	365	6.7	178	10.5	879	12.3	526	9.6	353	20.8	603	8.4	341	6.2	262	15.5
1986...	512	7.2	329	6.1	181	10.7	823	11.6	510	9.5	313	18.5	530	7.5	339	6.3	191	11.3
1987...	498	6.9	329	6.0	169	9.6	892	12.3	551	10.0	341	19.4	585	8.0	357	6.5	228	13.0
1988...	508	6.7	301	5.3	207	11.0	861	11.4	501	8.8	360	19.2	533	7.1	309	5.4	224	12.0
1989...	464	6.0	315	5.4	148	7.5	890	11.5	523	9.0	367	18.7	570	7.3	328	5.7	242	12.3
Resident																		
1970...	1,117	15.5	765	13.5	352	22.7	1,540	21.3	1,061	18.7	479	30.9	1,173	16.2	839	14.8	334	21.6
1971...	1,019	14.3	698	12.4	314	20.8	1,469	20.6	1,054	18.8	415	27.4	1,092	15.3	791	14.1	301	19.9
1972...	902	13.7	632	12.2	268	18.9	1,384	21.0	925	17.9	459	32.3	1,021	15.5	687	13.3	334	23.5
1973...	910	14.2	641	12.8	268	18.9	1,303	20.3	898	17.9	404	28.5	956	14.9	670	13.4	285	20.1
1974...	887	13.8	618	12.3	265	19.0	1,110	17.3	756	15.1	354	25.4	828	12.9	570	11.4	258	18.5
1975...	759	12.2	503	10.4	254	18.4	1,004	16.1	672	13.9	332	24.0	729	11.7	485	10.0	244	17.7
1976...	756	12.1	515	10.6	241	17.5	1,007	16.1	674	13.8	333	24.2	724	11.6	491	10.1	233	16.9
1977...	792	11.9	561	10.8	230	15.8	1,022	15.3	691	13.3	331	22.8	719	10.8	487	9.3	232	16.0
1978...	695	10.5	463	9.0	232	15.2	981	14.8	664	13.0	317	20.8	691	10.4	461	9.0	230	15.1
1979...	632	9.2	428	8.2	196	12.2	925	13.5	600	11.5	325	20.3	620	9.1	397	7.6	223	13.9
1980...	600	8.7	390	7.4	210	13.0	929	13.4	625	11.8	304	18.8	626	9.1	424	8.0	202	12.5
1981...	585	8.7	388	7.5	196	12.6	846	12.6	522	10.1	324	20.8	593	8.8	356	6.9	237	15.2
1982...	523	7.8	358	6.9	164	10.7	804	12.0	519	10.0	285	18.6	532	7.9	339	6.6	193	12.6
1983...	498	7.6	352	7.0	146	9.7	833	12.7	537	10.6	296	19.7	545	8.3	352	7.0	193	12.9
1984...	486	7.5	350	7.0	136	9.1	768	11.8	491	9.8	277	18.5	516	7.9	319	6.4	197	13.2
1985...	492	7.4	337	6.6	154	9.8	757	11.3	451	8.8	306	19.4	501	7.5	277	5.4	224	14.2
1986...	466	7.0	296	5.9	167	10.6	726	11.0	437	8.7	289	18.3	456	6.9	281	5.6	175	11.1
1987...	454	6.7	299	5.8	155	9.4	792	11.7	473	9.2	319	19.3	515	7.6	302	5.9	213	12.9
1988...	472	6.7	273	5.1	199	11.3	762	10.8	438	8.3	324	18.4	458	6.5	258	4.9	200	11.3
1989...	421	5.8	288	5.3	132	7.1	789	10.8	459	8.4	330	17.7	500	6.8	279	5.1	221	11.9

Totals of events may include items with race not stated.

TABLE II-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Total Deaths#													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970...	38,079	9.7	30,878	9.4	17,796	11.1	13,081	7.7	7,200	11.5	3,856	13.1	3,344	10.0
1971...	37,783	9.4	30,871	9.1	17,427	10.6	13,242	7.6	7,112	11.2	3,898	13.1	3,214	9.5
1972...	39,345	9.6	32,039	9.3	18,226	10.9	13,812	7.8	7,306	11.3	4,183	13.8	3,122	9.1
1973...	39,724	9.6	32,319	9.3	18,350	10.8	13,967	7.8	7,394	11.4	4,062	13.4	3,331	9.7
1974...	39,376	9.4	32,214	9.1	18,187	10.6	14,027	7.7	7,158	11.0	3,881	12.7	3,276	9.4
1975...	38,522	9.0	31,504	8.7	17,752	10.1	13,752	7.4	7,013	10.7	3,813	12.4	3,200	9.1
1976...	38,938	9.0	32,086	8.7	18,161	10.2	13,922	7.4	6,847	10.4	3,769	12.2	3,078	8.7
1977...	39,080	8.9	32,110	8.6	18,209	10.0	13,901	7.2	6,970	10.5	3,827	12.4	3,143	8.9
1978...	38,654	8.7	31,964	8.4	17,939	9.8	14,024	7.2	6,690	10.0	3,652	11.8	3,038	8.5
1979...	38,712	8.5	31,837	8.2	17,816	9.5	14,021	7.0	6,875	10.2	3,862	12.3	3,013	8.4
1980...	40,713	8.9	33,416	8.7	18,494	9.9	14,921	7.6	7,291	9.6	3,941	11.1	3,350	8.3
1981...	40,480	8.7	33,533	8.6	18,523	9.8	15,010	7.5	6,941	9.2	3,794	10.8	3,147	7.9
1982...	40,260	8.6	33,328	8.5	18,200	9.5	15,037	7.4	7,021	9.4	3,791	10.8	3,230	8.1
1983...	41,604	8.8	34,438	8.7	18,560	9.6	15,878	7.8	7,161	9.6	3,784	10.8	3,377	8.5
1984...	42,221	9.0	35,031	8.8	19,064	9.9	15,966	7.8	7,183	9.5	3,827	10.9	3,356	8.3
1985...	43,176	9.0	36,729	9.0	19,131	9.8	16,597	8.2	7,444	9.0	3,972	10.0	3,472	8.0
1986...	44,237	9.1	36,674	9.1	19,503	9.9	17,169	8.4	7,561	9.0	4,067	10.1	3,494	8.0
1987...	44,884	9.2	37,307	9.2	19,790	10.0	17,517	8.5	7,572	8.9	4,034	9.9	3,538	8.0
1988...	45,728	9.2	38,157	9.3	20,078	10.1	18,079	8.6	7,567	8.7	3,981	9.6	3,586	8.0
1989...	45,362	9.1	37,575	9.1	19,849	9.8	17,726	8.4	7,782	8.8	4,139	9.8	3,642	8.0

Year	Malignant Neoplasms, All Sites													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	5,984	152.4	4,946	150.0	2,725	169.9	2,221	131.1	1,038	185.1	558	189.0	480	143.9
1971 . . .	6,070	151.4	5,029	149.1	2,750	168.3	2,270	130.9	1,041	183.5	583	198.6	448	132.5
1972 . . .	6,266	153.3	5,186	150.6	2,848	170.3	2,338	132.1	1,080	187.4	623	206.3	457	133.2
1973 . . .	6,501	157.1	5,311	152.1	2,986	176.0	2,325	129.5	1,186	183.4	687	227.2	499	145.0
1974 . . .	6,718	159.9	5,518	155.5	3,057	177.4	2,461	134.9	1,198	183.4	703	230.3	495	142.2
1975 . . .	6,869	161.2	5,860	157.1	3,127	178.7	2,533	136.6	1,209	183.9	683	222.8	526	150.0
1976 . . .	7,198	166.3	5,922	161.4	3,334	187.3	2,588	137.1	1,276	193.2	740	240.5	536	152.0
1977 . . .	7,507	170.5	6,209	166.1	3,529	194.6	2,680	139.2	1,298	195.4	754	243.9	544	153.3
1978 . . .	7,492	167.9	6,233	164.3	3,511	190.9	2,722	139.2	1,259	188.6	761	245.1	498	139.5
1979 . . .	7,792	171.9	6,456	167.3	3,643	194.8	2,813	141.4	1,336	198.3	798	254.9	538	146.1
1980 . . .	8,304	180.9	6,868	179.1	3,909	209.9	2,959	150.0	1,436	190.0	788	222.5	648	161.4
1981 . . .	8,355	180.2	6,930	178.5	3,903	207.0	3,027	151.5	1,425	189.3	856	242.9	569	142.1
1982 . . .	8,660	185.0	7,135	181.5	4,070	213.2	3,065	151.6	1,525	203.3	877	250.2	648	162.2
1983 . . .	8,768	185.5	7,272	182.8	4,018	208.0	3,254	159.0	1,496	200.2	841	241.1	655	164.4
1984 . . .	9,127	193.5	7,604	192.0	4,294	223.3	3,310	162.4	1,523	201.6	889	252.5	634	157.2
1985 . . .	9,220	191.7	7,724	194.1	4,270	219.6	3,454	169.7	1,496	180.4	840	211.2	656	151.9
1986 . . .	9,549	196.7	7,941	197.8	4,447	226.7	3,494	170.2	1,608	191.2	903	223.9	706	161.1
1987 . . .	10,004	204.0	8,316	205.3	4,582	231.6	3,734	180.2	1,688	197.9	937	229.0	751	169.2
1988 . . .	9,894	199.6	8,347	204.1	4,640	232.3	3,707	177.1	1,547	178.7	891	214.4	656	145.7
1989 . . .	10,181	203.2	8,469	205.7	4,659	231.0	3,840	181.6	1,682	191.2	960	227.4	722	157.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

#Rate per 1,000 population.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Malignant Neoplasms of Digestive Organs and Peritoneum													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	1,560	39.7	1,273	38.6	626	39.0	647	39.2	287	45.6	157	53.2	130	39.0
1971 ...	1,643	41.0	1,325	39.3	674	41.1	651	37.6	318	49.9	195	65.3	123	36.4
1972 ...	1,562	38.2	1,287	37.4	638	38.1	649	36.7	275	42.6	152	50.3	123	35.9
1973 ...	1,626	39.3	1,278	36.6	679	40.0	599	33.4	347	53.7	197	65.2	150	43.6
1974 ...	1,630	38.8	1,314	37.0	658	38.2	656	35.9	316	48.4	179	58.7	137	39.3
1975 ...	1,717	40.3	1,383	38.4	731	41.8	652	35.2	334	50.8	192	62.6	142	40.5
1976 ...	1,785	41.2	1,447	39.4	738	41.5	709	37.5	338	51.2	183	59.5	155	44.0
1977 ...	1,945	41.9	1,500	40.1	777	42.9	723	37.6	345	51.9	186	60.2	159	44.8
1978 ...	1,763	39.5	1,418	37.4	683	37.1	735	37.6	345	51.7	194	62.5	151	42.3
1979 ...	1,925	42.5	1,557	40.3	785	42.0	772	36.8	368	54.6	214	68.4	154	42.7
1980 ...	2,041	44.5	1,640	42.8	870	46.7	770	39.0	401	53.1	228	64.4	173	43.1
1981 ...	2,008	43.3	1,613	41.5	850	46.1	763	38.2	395	52.5	218	61.9	177	44.2
1982 ...	2,093	44.7	1,657	42.2	882	46.2	775	38.3	436	58.1	249	71.0	187	46.8
1983 ...	2,048	43.3	1,642	41.3	828	42.9	814	39.8	406	54.3	212	60.8	194	48.7
1984 ...	2,125	45.1	1,688	42.6	904	47.0	784	38.5	437	57.8	235	66.7	202	50.1
1985 ...	2,125	44.2	1,720	43.2	883	45.4	837	41.1	405	48.8	209	52.6	196	45.4
1986 ...	2,202	45.3	1,780	44.3	918	46.8	862	42.0	422	50.2	236	58.5	186	42.5
1987 ...	2,298	46.9	1,841	45.4	942	47.6	899	43.4	457	53.6	226	56.2	231	52.0
1988 ...	2,182	44.0	1,795	43.9	944	47.3	851	40.7	387	44.7	194	46.7	193	42.9
1989 ...	2,345	46.8	1,911	46.3	959	47.6	952	45.0	434	49.3	235	55.7	199	43.5

Year	Malignant Neoplasms of Respiratory and Intrathoracic Organs													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	1,351	34.4	1,156	35.1	982	61.2	174	10.3	195	31.0	154	52.1	41	12.3
1971 ...	1,349	33.6	1,172	34.7	982	59.9	190	11.0	177	27.8	147	49.2	30	8.9
1972 ...	1,459	35.7	1,223	35.5	1,023	61.2	200	11.3	236	36.6	197	65.2	39	11.4
1973 ...	1,564	37.8	1,317	37.7	1,107	65.3	210	11.7	247	38.2	198	65.5	49	14.2
1974 ...	1,691	40.3	1,436	40.5	1,206	70.0	230	12.6	254	38.9	214	70.1	40	11.5
1975 ...	1,675	39.3	1,422	39.5	1,150	65.7	272	14.7	253	38.5	202	65.9	51	14.5
1976 ...	1,894	43.8	1,599	43.6	1,307	73.4	292	15.5	295	44.7	233	75.7	62	17.6
1977 ...	2,041	46.4	1,723	46.1	1,361	75.1	362	18.8	318	47.9	261	84.4	57	16.1
1978 ...	2,077	46.6	1,798	47.4	1,460	79.4	338	17.3	279	41.8	231	74.4	48	13.4
1979 ...	2,204	48.6	1,859	48.2	1,464	78.3	395	19.9	345	51.2	281	89.8	64	17.7
1980 ...	2,363	51.5	2,034	53.0	1,589	84.2	465	23.6	329	43.5	240	67.8	89	22.2
1981 ...	2,404	51.9	2,034	52.4	1,558	82.6	476	23.8	370	49.1	294	83.4	76	19.0
1982 ...	2,632	56.2	2,250	57.2	1,745	91.4	505	25.0	382	50.9	294	83.9	88	22.0
1983 ...	2,662	56.3	2,282	57.4	1,715	88.8	567	27.7	380	50.8	281	80.5	99	24.8
1984 ...	2,717	57.6	2,351	59.3	1,763	91.7	588	28.8	366	48.4	281	79.8	85	21.1
1985 ...	2,837	59.0	2,455	61.7	1,799	92.5	656	32.2	382	46.1	280	70.4	102	23.6
1986 ...	3,011	62.0	2,571	64.0	1,898	96.8	673	32.8	440	52.3	337	83.6	103	23.5
1987 ...	3,214	65.5	2,747	67.8	2,004	101.3	743	36.8	467	54.7	354	86.5	113	25.5
1988 ...	3,179	64.1	2,742	67.0	1,976	98.9	766	36.6	437	50.5	334	80.4	103	22.9
1989 ...	3,283	65.5	2,785	67.4	1,950	96.7	835	39.5	498	56.6	359	85.0	139	30.4

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Malignant Neoplasms of Breast													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	478	12.2	396	12.0	3	0.2	393	23.2	82	13.0	-	-	82	24.6
1971 ...	523	13.0	435	12.9	2	0.1	433	25.0	88	13.8	-	-	88	26.0
1972 ...	541	13.2	445	12.9	1	0.1	444	25.1	96	14.9	1	0.3	95	27.7
1973 ...	529	12.8	453	13.0	2	0.1	451	25.1	76	11.8	1	0.3	75	21.8
1974 ...	582	13.9	485	13.7	5	0.3	480	26.3	97	14.8	2	0.7	95	27.3
1975 ...	556	13.0	473	13.1	5	0.3	468	25.2	83	12.6	3	1.0	80	22.8
1976 ...	563	13.0	473	12.9	-	-	473	25.0	90	13.6	4	1.3	86	24.4
1977 ...	580	13.2	490	13.1	6	0.3	484	25.1	90	13.6	1	0.3	89	25.1
1978 ...	602	13.5	504	13.3	7	0.4	497	25.4	98	14.7	1	0.3	97	27.2
1979 ...	575	12.7	475	12.3	3	0.2	472	23.7	100	14.8	-	-	100	27.7
1980 ...	570	12.4	469	12.2	4	0.2	465	23.6	101	13.4	1	0.3	100	24.9
1981 ...	660	14.2	555	14.3	4	0.2	551	27.6	105	13.9	2	0.6	103	25.7
1982 ...	673	14.4	558	14.2	2	0.1	556	27.5	115	15.3	-	-	115	28.8
1983 ...	663	14.0	556	14.0	3	0.2	553	27.0	107	14.3	3	0.9	104	26.1
1984 ...	713	15.1	598	15.1	2	0.1	596	29.2	115	15.2	-	-	115	28.5
1985 ...	723	15.0	624	15.7	5	0.3	619	30.4	99	11.9	-	-	99	22.9
1986 ...	714	14.7	591	14.7	3	0.2	588	28.6	123	14.6	-	-	123	28.1
1987 ...	834	17.0	688	17.0	6	0.3	682	32.9	146	17.1	1	0.2	145	32.7
1988 ...	812	16.4	680	16.6	6	0.3	674	32.2	132	15.2	1	0.2	131	29.1
1989 ...	778	15.5	639	15.5	7	0.3	632	29.9	139	15.8	-	-	139	30.4

Year	Malignant Neoplasms of Genital Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	833	21.2	653	19.8	276	17.3	375	22.1	180	28.6	96	32.5	84	25.2
1971 ...	836	20.8	645	19.1	282	17.2	363	20.9	191	30.0	93	31.1	98	29.0
1972 ...	855	20.9	658	19.1	279	16.7	379	21.4	197	30.5	101	33.4	96	28.0
1973 ...	866	20.9	653	18.7	269	15.9	384	21.4	213	32.9	108	35.7	105	30.5
1974 ...	882	21.0	674	19.0	288	16.7	386	21.2	208	31.8	119	39.0	89	25.6
1975 ...	865	20.3	664	18.4	304	17.4	360	19.4	201	30.6	104	33.9	97	27.7
1976 ...	852	19.7	656	17.9	291	16.3	365	19.3	196	29.7	116	37.7	80	22.7
1977 ...	922	20.9	712	19.0	331	18.3	381	19.8	210	31.6	118	38.2	92	25.9
1978 ...	872	19.5	676	17.8	315	17.1	361	18.5	196	29.4	120	38.7	76	21.3
1979 ...	912	20.1	709	18.4	320	17.1	389	19.6	203	30.1	114	36.4	89	24.7
1980 ...	1,006	21.9	771	20.1	360	19.3	411	20.8	235	31.1	117	33.0	118	29.4
1981 ...	954	20.6	745	19.2	368	19.5	377	18.9	209	27.8	141	40.0	68	17.0
1982 ...	947	20.2	699	17.8	350	18.3	349	17.3	249	33.1	145	41.4	103	25.8
1983 ...	1,030	21.8	785	19.7	391	20.2	394	19.3	245	32.8	142	40.7	103	25.9
1984 ...	1,047	22.2	810	20.4	410	21.3	400	19.6	237	31.4	144	40.9	93	23.1
1985 ...	982	20.4	759	19.1	384	19.7	375	18.4	223	26.9	138	34.7	85	19.7
1986 ...	1,012	20.8	755	18.6	397	20.2	358	17.4	257	30.6	145	36.0	112	25.6
1987 ...	1,064	21.7	821	20.3	416	21.0	405	19.5	243	28.5	143	34.9	100	22.5
1988 ...	1,150	23.2	926	22.6	476	23.8	450	21.5	224	25.9	152	36.6	72	16.0
1989 ...	1,125	22.4	876	21.2	475	23.6	401	19.0	249	28.3	168	39.8	81	17.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 90 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Diabetes Mellitus													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970...	619	15.8	460	14.0	190	11.8	270	15.9	159	25.3	64	21.7	95	28.5
1971...	675	16.8	498	14.8	205	12.5	293	16.9	177	27.8	69	23.1	108	31.9
1972...	651	15.9	497	14.4	224	13.4	273	15.4	154	23.9	52	17.2	102	29.7
1973...	610	14.7	454	13.0	196	11.6	258	14.4	156	24.1	53	17.5	103	29.9
1974...	629	15.0	454	12.8	154	8.9	300	16.4	175	26.8	61	20.0	114	32.7
1975...	612	14.4	446	12.4	200	11.4	246	13.3	166	25.3	53	17.3	113	32.2
1976...	548	12.7	397	10.8	147	8.3	250	13.2	151	22.9	55	17.9	96	27.2
1977...	565	12.8	432	11.6	160	8.8	272	14.1	133	20.0	48	15.5	85	23.9
1978...	525	11.8	395	10.1	168	9.1	217	11.1	140	21.0	49	15.8	91	25.5
1979...	552	12.2	406	10.5	169	9.0	237	11.9	146	21.7	47	15.0	99	27.4
1980...	514	11.2	375	9.8	138	7.4	237	12.0	139	18.4	61	17.2	78	19.4
1981...	609	13.1	454	11.7	174	9.2	280	14.0	155	20.6	52	14.8	103	25.7
1982...	557	11.9	442	11.2	156	8.2	286	14.1	115	15.3	45	12.8	70	17.5
1983...	646	13.7	476	12.0	179	9.3	297	14.5	170	22.7	59	16.9	111	27.9
1984...	627	13.3	480	12.1	186	9.7	294	14.4	147	19.5	50	14.2	97	24.0
1985...	597	12.4	425	10.7	164	8.4	261	12.8	172	20.7	58	14.6	114	26.4
1986...	672	13.8	506	12.6	204	10.4	302	14.7	166	19.7	48	11.9	118	27.0
1987...	701	14.3	546	13.5	226	11.4	320	15.4	155	18.2	52	12.7	103	23.2
1988...	725	14.6	558	13.6	218	10.9	340	16.2	167	19.3	53	12.8	114	25.3
1989...	915	18.3	679	16.4	258	12.8	421	19.9	235	26.7	88	20.8	147	32.1

Year	Diseases of Heart													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	14,312	364.5	11,900	360.9	7,005	436.9	4,895	289.0	2,412	383.6	1,286	435.5	1,126	337.6
1971 ...	14,528	362.3	11,984	365.3	6,938	423.1	5,046	291.1	2,544	399.5	1,351	452.4	1,193	352.8
1972 ...	14,946	365.6	12,491	362.8	7,301	436.5	5,190	293.2	2,455	380.6	1,376	455.6	1,079	314.5
1973 ...	15,011	362.7	12,482	357.5	7,276	428.9	5,205	299.9	2,527	390.9	1,298	429.3	1,229	357.1
1974 ...	14,738	350.8	12,303	346.8	7,114	412.9	5,189	284.4	2,435	372.7	1,260	412.9	1,175	337.5
1975 ...	14,303	335.7	11,976	332.3	6,967	398.2	5,009	270.1	2,324	353.6	1,191	388.5	1,133	323.1
1976 ...	14,580	336.8	12,276	334.6	7,022	394.4	5,253	278.2	2,301	346.5	1,201	390.3	1,100	312.0
1977 ...	14,497	329.3	12,096	323.7	6,943	382.9	5,155	267.8	2,399	361.2	1,236	399.7	1,163	327.6
1978 ...	14,176	317.7	11,956	315.1	6,702	364.3	5,254	268.8	2,220	332.6	1,127	363.0	1,093	306.1
1979 ...	14,115	311.4	11,831	306.5	6,734	360.0	5,097	256.2	2,284	338.9	1,213	367.5	1,071	296.8
1980 ...	14,872	323.9	12,419	323.8	6,833	366.9	5,586	283.1	2,450	324.2	1,214	342.8	1,236	307.8
1981 ...	14,894	321.3	12,547	323.1	6,915	366.7	5,632	282.0	2,345	311.5	1,234	350.2	1,111	277.4
1982 ...	14,843	317.1	12,451	316.7	6,874	349.6	5,777	285.7	2,392	318.9	1,231	351.1	1,161	290.6
1983 ...	15,206	321.8	12,797	321.6	6,840	354.0	5,957	291.1	2,406	322.0	1,198	343.4	1,208	303.2
1984 ...	15,361	325.7	12,846	324.3	6,849	356.1	5,996	294.2	2,514	332.8	1,254	359.0	1,250	309.9
1985 ...	15,740	327.3	13,167	330.8	6,949	357.3	6,218	305.5	2,572	310.1	1,294	325.4	1,278	296.0
1986 ...	15,722	323.8	13,127	327.0	6,740	343.7	6,387	311.0	2,565	308.6	1,308	324.3	1,287	294.1
1987 ...	15,779	321.7	13,278	327.7	6,839	345.6	6,439	310.7	2,500	293.1	1,217	297.4	1,283	289.1
1988 ...	16,010	323.0	13,512	330.3	6,983	349.6	6,529	311.9	2,466	288.2	1,188	285.9	1,308	290.4
1989 ...	15,364	306.6	12,936	313.1	6,736	334.1	6,198	293.1	2,428	276.1	1,157	274.0	1,271	277.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 90 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Ischemic Heart Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	13,054	332.5	10,997	330.5	6,491	404.8	4,406	260.1	2,157	343.0	1,153	390.4	1,004	301.1
1971 ...	13,294	331.5	11,004	326.2	6,467	394.4	4,537	261.7	2,290	359.6	1,221	408.9	1,069	316.1
1972 ...	13,683	334.7	11,487	333.7	6,817	407.5	4,670	263.9	2,196	340.4	1,225	405.6	971	283.1
1973 ...	13,789	333.2	11,553	330.9	6,815	401.7	4,737	263.8	2,234	345.6	1,142	377.7	1,092	317.3
1974 ...	13,416	319.3	11,265	317.5	6,597	382.9	4,668	255.8	2,151	329.2	1,104	361.7	1,047	300.7
1975 ...	12,928	303.4	10,905	302.6	6,426	367.3	4,479	241.6	2,020	307.3	1,046	340.9	975	278.0
1976 ...	13,116	303.0	11,127	303.3	6,466	363.2	4,661	246.8	1,986	300.8	1,038	337.3	948	268.9
1977 ...	13,011	295.6	10,919	292.1	6,352	350.3	4,567	237.3	2,092	315.0	1,087	361.5	1,005	283.1
1978 ...	12,621	282.9	10,697	281.9	6,057	329.3	4,640	237.4	1,924	288.2	981	316.0	943	264.1
1979 ...	10,729	236.7	9,441	244.6	5,607	299.8	3,834	192.7	1,298	191.1	693	221.4	595	164.9
1980 ...	11,089	241.5	9,780	255.0	5,597	300.5	4,183	212.0	1,307	173.0	640	180.7	667	165.1
1981 ...	11,139	240.3	9,778	251.8	5,602	297.1	4,176	209.1	1,359	180.5	738	209.4	621	155.1
1982 ...	10,988	234.7	9,636	245.1	5,372	281.4	4,264	210.9	1,352	180.3	729	207.9	623	156.0
1983 ...	11,184	236.7	9,809	246.5	5,463	282.7	4,346	212.4	1,372	183.6	692	198.4	680	170.7
1984 ...	10,679	225.4	9,394	237.1	5,203	270.5	4,190	205.6	1,284	170.0	661	187.7	623	154.4
1985 ...	10,649	221.4	9,298	233.4	5,107	262.6	4,181	205.4	1,360	164.0	666	167.5	694	180.8
1986 ...	10,331	212.8	9,160	228.2	4,920	250.9	4,240	206.5	1,171	139.2	572	141.8	599	136.9
1987 ...	10,356	211.2	9,161	226.1	4,903	247.8	4,258	205.4	1,195	140.1	564	137.8	631	142.2
1988 ...	10,500	211.8	9,328	228.0	5,082	254.5	4,246	202.8	1,170	135.1	578	139.1	592	131.4
1989 ...	10,246	204.5	9,082	219.8	4,959	245.9	4,123	194.9	1,164	132.3	547	129.6	617	134.9

Year	Cerebrovascular Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	5,057	128.8	3,949	119.8	1,844	115.0	2,105	124.3	1,108	176.2	493	166.9	615	184.4
1971 ...	4,997	124.6	3,953	117.5	1,809	110.3	2,154	124.3	1,034	162.4	514	172.1	520	153.8
1972 ...	5,215	127.6	4,188	121.1	1,898	113.5	2,270	128.3	1,047	162.3	507	167.9	540	157.4
1973 ...	5,339	129.0	4,267	122.2	1,835	108.2	2,432	135.5	1,071	165.7	510	168.7	561	163.0
1974 ...	5,204	123.9	4,204	118.5	1,837	106.6	2,367	129.7	1,000	153.1	431	141.2	569	163.4
1975 ...	4,902	115.0	3,929	109.0	1,887	96.4	2,042	120.9	973	148.0	464	151.3	509	146.2
1976 ...	4,862	112.3	3,938	107.3	1,756	98.6	2,180	115.4	924	139.9	441	143.3	483	137.0
1977 ...	4,561	103.6	3,694	98.8	1,573	86.8	2,121	110.2	867	130.5	373	120.6	494	139.2
1978 ...	4,283	96.0	3,480	91.7	1,477	80.3	2,003	102.5	803	120.3	381	122.7	422	118.2
1979 ...	4,213	92.9	3,389	87.8	1,424	76.1	1,965	98.8	824	122.3	414	132.3	410	113.6
1980 ...	4,310	93.9	3,534	92.1	1,508	81.0	2,026	102.7	776	102.7	380	101.7	416	103.6
1981 ...	4,088	88.2	3,320	85.5	1,373	72.8	1,947	97.5	768	102.0	322	91.4	446	111.4
1982 ...	3,966	84.7	3,203	81.5	1,333	69.8	1,870	92.5	763	101.7	334	95.3	429	107.4
1983 ...	4,138	87.6	3,344	84.0	1,375	71.2	1,969	96.2	794	106.2	358	102.6	436	109.4
1984 ...	3,902	82.7	3,153	79.6	1,319	68.6	1,834	90.0	749	99.1	310	88.0	439	108.8
1985 ...	3,801	74.9	2,922	73.4	1,170	60.2	1,751	86.0	679	81.9	299	75.2	380	88.0
1986 ...	3,630	74.8	3,013	75.0	1,186	60.5	1,827	89.0	617	73.4	272	67.4	345	78.8
1987 ...	3,791	77.3	3,171	78.3	1,300	65.7	1,871	90.3	619	72.6	273	66.7	346	78.0
1988 ...	3,761	75.9	3,072	75.1	1,204	60.3	1,868	89.2	689	79.6	286	69.3	401	89.0
1989 ...	3,598	71.8	2,927	70.8	1,187	58.9	1,740	82.3	671	75.3	308	72.9	363	79.4

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1979 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Atherosclerosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	538	13.7	478	14.5	205	12.8	273	16.1	60	9.5	34	11.5	26	7.8
1971 ...	558	13.9	486	14.4	194	11.8	292	16.8	72	11.3	28	9.4	44	13.0
1972 ...	617	15.1	529	15.4	218	13.0	311	17.6	88	13.6	44	14.6	44	12.8
1973 ...	641	15.5	544	15.6	225	13.3	319	17.8	97	15.0	47	15.5	50	14.5
1974 ...	669	15.9	571	16.1	224	13.0	347	19.0	98	15.0	44	14.4	54	15.5
1975 ...	622	14.6	532	14.8	201	11.5	331	17.9	90	13.7	46	15.0	44	12.5
1976 ...	570	13.2	496	13.5	209	11.7	287	15.2	74	11.2	33	10.7	41	11.6
1977 ...	582	13.2	514	13.8	210	11.6	304	15.8	68	10.2	35	11.3	33	9.3
1978 ...	615	13.8	520	13.7	190	10.3	330	16.9	95	14.2	32	10.3	63	17.6
1979 ...	642	14.2	554	14.4	205	11.0	349	17.5	88	13.1	38	12.1	50	13.9
1980 ...	570	12.4	482	12.6	193	10.4	289	14.6	88	11.6	37	10.4	51	12.7
1981 ...	620	13.4	522	13.4	215	11.4	307	15.4	98	13.0	38	10.8	60	15.0
1982 ...	552	11.8	467	11.9	197	10.3	270	13.4	85	11.3	48	13.7	37	9.3
1983 ...	465	10.5	422	10.6	165	8.5	257	12.6	73	9.8	26	7.5	47	11.8
1984 ...	475	10.1	419	10.6	154	8.0	265	13.0	56	7.4	23	6.5	33	8.2
1985 ...	429	8.9	375	9.4	154	7.9	221	10.9	54	6.5	21	5.3	33	7.6
1986 ...	411	8.5	351	8.7	119	6.1	232	11.3	60	7.1	30	7.4	30	6.9
1987 ...	347	7.1	304	7.5	119	6.0	185	8.9	43	5.0	21	5.1	22	5.0
1988 ...	416	8.4	367	9.0	147	7.4	220	10.5	49	5.7	23	5.5	26	5.8
1989 ...	419	8.4	371	9.0	129	6.4	242	11.4	48	5.5	17	4.0	31	6.8

Year	Pneumonia and Influenza													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	1,351	34.4	1,091	33.1	554	34.6	537	31.7	260	41.3	155	52.5	105	31.5
1971 ...	1,193	29.8	962	28.5	528	32.2	434	25.0	231	36.3	124	41.5	107	31.6
1972 ...	1,264	30.9	1,059	30.8	572	34.2	487	27.5	205	31.8	124	41.1	81	23.6
1973 ...	1,197	28.9	1,009	28.9	540	31.8	469	26.1	186	29.1	113	37.4	75	21.8
1974 ...	1,024	24.4	865	24.9	463	26.9	422	23.1	139	21.3	81	26.5	58	16.7
1975 ...	1,101	25.8	930	25.8	501	28.6	429	23.1	171	26.0	95	31.0	76	21.7
1976 ...	1,240	28.6	1,050	28.6	540	30.8	501	26.5	190	28.8	111	36.1	79	22.4
1977 ...	1,070	24.3	929	24.9	525	29.0	404	21.0	141	21.2	88	28.5	53	14.9
1978 ...	1,159	26.0	998	26.3	502	27.3	496	25.4	161	24.1	90	29.0	71	19.9
1979 ...	908	20.0	796	20.6	397	21.2	399	20.1	112	16.6	70	22.4	42	11.6
1980 ...	1,037	22.6	876	22.8	427	22.9	449	22.8	161	21.3	95	26.8	66	16.4
1981 ...	1,174	25.3	1,020	26.3	483	25.6	537	26.9	154	20.5	92	26.1	62	15.5
1982 ...	973	20.8	846	21.5	428	22.4	418	20.7	127	16.9	67	19.1	60	15.0
1983 ...	1,117	23.6	962	24.2	496	25.7	466	22.8	155	20.7	90	25.8	65	16.3
1984 ...	1,133	24.0	997	25.2	498	25.9	499	24.5	136	18.0	76	21.6	60	14.9
1985 ...	1,437	29.9	1,251	31.7	619	31.8	642	31.5	176	21.2	102	25.7	74	17.1
1986 ...	1,471	30.3	1,290	32.1	651	33.2	639	31.1	181	21.5	104	25.8	77	17.6
1987 ...	1,361	27.8	1,194	29.5	583	29.5	611	29.5	167	19.6	101	24.7	66	14.9
1988 ...	1,621	32.7	1,404	34.3	688	34.4	716	34.2	217	25.1	112	27.0	105	23.3
1989 ...	1,509	30.1	1,280	31.0	584	29.0	696	32.9	229	26.0	128	30.3	101	22.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1976 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Chronic Obstructive Pulmonary Disease and Allied Conditions													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970...	718	18.3	654	19.8	519	32.4	135	8.0	64	10.2	49	16.6	15	4.5
1971...	680	17.0	622	18.4	492	30.0	130	7.5	56	9.1	37	12.4	21	6.2
1972...	836	20.5	739	21.5	567	33.9	172	9.7	97	15.0	75	24.8	22	6.4
1973...	902	21.8	809	23.2	621	36.6	188	10.5	93	14.4	71	23.5	22	6.4
1974...	941	22.4	850	24.0	672	39.0	178	9.8	91	13.9	59	19.3	32	9.2
1975...	933	21.9	867	24.1	657	37.6	210	11.3	66	10.0	47	15.3	19	5.4
1976...	997	23.0	898	24.5	673	37.8	225	11.9	99	15.0	77	25.0	22	6.2
1977...	1,043	23.7	946	25.3	677	37.3	269	14.0	97	14.6	74	23.9	23	6.5
1978...	1,148	25.7	1,055	27.8	778	42.3	277	14.2	93	13.9	69	22.2	24	6.7
1979...	1,052	23.2	944	24.5	703	37.6	241	12.1	106	16.0	79	25.2	29	8.0
1980...	1,237	26.9	1,121	29.2	806	43.2	316	16.0	116	15.4	78	22.0	38	9.5
1981...	1,295	27.9	1,182	30.4	834	44.2	348	17.4	113	15.0	84	23.8	29	7.2
1982...	1,266	27.0	1,164	29.6	830	43.5	334	16.5	102	13.6	68	19.4	34	8.5
1983...	1,292	27.3	1,195	30.0	827	42.8	368	18.0	97	13.0	73	20.9	24	6.0
1984...	1,458	30.9	1,335	33.7	915	47.6	420	20.6	123	16.3	82	23.3	41	10.2
1985...	1,588	33.0	1,459	36.7	969	49.8	490	24.1	128	15.4	91	22.9	37	8.6
1986...	1,681	34.6	1,547	38.5	1,028	52.4	519	25.3	134	15.9	101	25.0	33	7.5
1987...	1,611	32.8	1,464	36.1	945	47.8	519	25.0	147	17.2	101	24.7	46	10.4
1988...	1,750	35.3	1,606	39.3	1,014	50.8	592	28.3	144	16.6	96	23.1	48	10.7
1989...	1,780	35.5	1,605	38.8	991	49.1	614	29.0	175	19.9	116	27.5	59	12.9

Year	Chronic Liver Disease and Cirrhosis													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	393	10.0	320	9.7	225	14.0	95	5.6	73	11.6	42	14.2	31	9.3
1971 ...	354	8.8	300	8.9	202	12.3	98	5.7	54	8.5	33	11.1	21	6.2
1972 ...	353	8.6	286	8.3	204	12.2	82	4.6	67	10.4	39	12.9	28	8.2
1973 ...	449	10.8	364	10.4	245	14.4	119	6.6	85	13.1	46	15.2	39	11.3
1974 ...	444	10.6	369	10.4	241	14.0	128	7.0	75	11.5	43	14.1	32	9.2
1975 ...	401	9.4	321	8.9	214	12.2	107	5.8	60	12.2	30	16.3	30	8.6
1976 ...	367	8.9	345	9.4	235	13.2	110	5.8	42	6.4	23	7.5	19	5.4
1977 ...	407	9.2	341	9.1	221	12.2	120	6.2	66	9.9	42	13.6	24	6.8
1978 ...	398	8.9	335	8.8	240	13.0	95	4.9	63	9.4	38	12.2	25	7.0
1979 ...	431	9.5	342	8.9	210	11.2	132	6.6	89	13.2	47	15.0	42	11.6
1980 ...	451	9.8	377	9.8	266	14.3	111	5.6	74	9.8	46	13.0	28	7.0
1981 ...	404	8.7	339	8.7	221	11.7	118	5.9	65	8.6	37	10.5	28	7.0
1982 ...	387	8.3	335	8.5	241	12.6	94	4.6	52	6.9	29	8.3	23	5.8
1983 ...	368	8.2	331	8.3	204	10.6	127	6.2	57	7.6	36	10.3	21	5.3
1984 ...	366	8.4	329	8.3	218	11.3	111	5.4	67	8.9	43	12.2	24	5.9
1985 ...	382	7.9	318	8.0	207	10.6	111	5.5	64	7.7	36	9.1	28	6.5
1986 ...	384	7.9	324	8.1	200	10.2	124	6.0	60	7.1	28	6.9	32	7.3
1987 ...	412	8.4	350	8.6	235	11.9	115	5.5	62	7.3	39	9.5	23	5.2
1988 ...	413	8.3	351	8.6	221	11.1	130	6.2	62	7.2	38	9.1	24	5.3
1989 ...	425	8.5	356	8.6	243	12.0	113	5.3	69	7.8	48	11.4	21	4.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 90 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Congenital Anomalies													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970...	381	9.7	307	9.3	155	9.7	152	9.0	74	11.8	35	11.9	39	11.7
1971...	339	8.5	284	8.4	171	10.4	113	6.5	55	8.6	24	8.0	31	9.2
1972...	364	9.4	304	8.8	172	10.3	132	7.5	80	12.4	43	14.2	36	10.5
1973...	325	7.9	266	7.6	134	7.9	131	7.3	59	9.1	32	10.6	27	7.8
1974...	304	7.2	242	6.8	133	7.7	109	6.0	62	9.5	32	10.5	30	8.6
1975...	298	7.0	244	6.8	123	7.0	121	6.5	54	8.2	32	10.4	22	6.3
1976...	228	5.3	182	5.0	102	5.7	80	4.2	46	7.0	25	8.1	21	6.0
1977...	281	6.4	222	5.9	123	6.8	99	5.1	59	8.9	40	12.9	19	5.4
1978...	278	6.2	219	5.8	126	6.8	92	4.7	59	8.8	27	8.7	32	9.0
1979...	280	6.2	231	6.0	129	6.9	102	5.1	49	7.3	29	9.3	20	5.5
1980...	317	6.9	254	6.6	134	7.2	119	6.0	53	8.3	32	9.0	31	7.7
1981...	262	5.7	213	5.5	109	5.8	104	5.2	49	6.5	24	6.8	25	6.2
1982...	271	5.8	207	5.3	103	5.4	103	5.1	64	8.5	33	9.4	31	7.8
1983...	275	5.8	225	5.7	109	5.6	116	5.7	50	6.7	29	8.3	21	5.3
1984...	257	5.7	207	5.2	112	5.8	95	4.7	60	7.9	36	10.2	24	5.9
1985...	244	5.1	181	4.5	98	5.0	83	4.1	63	7.8	31	7.8	32	7.4
1986...	247	5.1	181	4.5	83	4.2	96	4.7	66	7.8	40	9.9	26	5.9
1987...	230	4.7	165	4.1	89	4.5	76	3.7	65	7.6	34	8.3	31	7.0
1988...	223	4.5	169	4.1	82	4.1	87	4.2	54	6.2	23	5.5	31	6.9
1989...	231	4.6	178	4.3	94	4.7	84	4.0	53	6.0	27	6.4	26	5.7

Year	Complications of Pregnancy, Childbirth, and the Puerperium**					
	All Races		White		All Other Races	
	Total		Female		Female	
	No.	Rate	No.	Rate	No.	Rate
1970...	18	2.5	10	1.8	8	5.2
1971...	21	2.9	7	1.2	14	9.3
1972...	16	2.4	10	1.9	6	4.2
1973...	23	3.8	11	2.2	12	8.5
1974...	24	3.7	17	3.4	7	5.0
1975...	15	2.4	6	1.2	9	6.6
1976...	7	1.1	3	0.6	4	2.9
1977...	16	2.4	7	1.3	9	6.3
1978...	10	1.5	4	0.8	6	4.0
1979...	9	1.3	3	0.6	6	3.8
1980...	13	1.9	9	1.7	4	2.5
1981...	10	1.5	9	1.7	1	0.6
1982...	5	0.7	2	0.4	3	2.0
1983...	9	1.4	7	1.4	2	1.4
1984...	6	0.9	2	0.4	4	2.7
1985...	3	0.4	1	0.2	2	1.3
1986...	3	0.5	3	0.6	-	-
1987...	8	0.9	3	0.6	3	1.9
1988...	8	1.1	3	0.6	5	2.9
1989...	2	0.3	1	0.2	1	0.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 90 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

**For explanation of rates by race, see Appendix A.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Accidents and Adverse Effects													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	2,582	65.8	2,115	64.1	1,557	97.1	558	32.9	466	74.1	320	108.4	146	43.8
1971 ...	2,467	61.5	2,068	61.3	1,475	90.0	593	34.2	399	62.7	270	90.4	129	38.1
1972 ...	2,602	63.7	2,153	62.5	1,546	92.4	607	34.3	449	69.6	323	106.9	126	36.7
1973 ...	2,698	65.2	2,268	65.0	1,629	96.0	639	35.6	429	66.4	296	97.9	133	38.6
1974 ...	2,510	59.7	2,131	60.1	1,519	88.2	612	33.5	379	58.0	250	81.9	129	37.1
1975 ...	2,310	54.2	1,936	53.7	1,369	79.3	567	30.6	374	56.9	287	93.6	87	24.8
1976 ...	2,262	52.3	1,956	53.3	1,406	79.0	550	29.1	306	46.3	226	73.4	80	22.7
1977 ...	2,440	55.4	2,070	55.4	1,493	82.3	577	30.0	370	55.7	264	85.4	106	29.9
1978 ...	2,460	55.1	2,092	55.1	1,526	83.0	566	29.0	368	55.1	268	86.3	100	28.0
1979 ...	2,350	51.8	2,007	52.0	1,436	76.8	571	28.7	343	50.9	249	79.5	94	26.1
1980 ...	2,453	53.4	1,996	52.0	1,416	76.0	580	29.4	455	60.2	312	88.1	143	35.6
1981 ...	2,205	47.6	1,906	49.1	1,366	72.4	539	27.0	300	39.8	212	60.2	88	22.0
1982 ...	2,093	44.7	1,814	46.1	1,316	68.9	498	24.6	279	37.2	213	60.8	66	16.5
1983 ...	2,173	46.0	1,824	45.8	1,251	64.7	573	28.0	349	46.7	243	69.7	106	26.6
1984 ...	2,144	45.5	1,826	46.1	1,261	65.6	565	27.7	318	42.1	228	64.8	90	22.3
1985 ...	2,185	45.4	1,815	45.6	1,258	64.7	557	27.4	369	44.5	265	66.6	104	24.1
1986 ...	2,435	50.1	2,061	51.3	1,426	72.7	635	30.9	373	44.4	257	63.7	116	26.5
1987 ...	2,334	47.6	1,992	49.2	1,367	69.1	625	30.2	341	40.0	249	60.8	92	20.7
1988 ...	2,435	49.1	2,061	50.4	1,399	70.0	662	31.6	373	43.1	261	62.8	112	24.9
1989 ...	2,277	45.4	1,929	46.7	1,308	64.9	621	29.4	347	39.5	242	57.3	105	23.0

Year	Motor Vehicle Accidents													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	1,406	35.8	1,218	36.9	907	56.6	311	18.4	187	29.7	136	46.1	51	15.3
1971 ...	1,337	33.3	1,177	34.9	873	53.2	304	17.5	180	25.1	113	37.8	47	13.9
1972 ...	1,401	34.3	1,204	35.0	893	53.4	311	17.6	197	30.5	145	48.0	52	15.2
1973 ...	1,442	34.8	1,246	35.7	930	54.8	316	17.6	196	30.3	141	46.6	55	16.0
1974 ...	1,290	30.7	1,133	31.9	864	50.1	269	14.7	157	24.0	107	35.1	50	14.4
1975 ...	1,142	26.8	971	26.9	707	40.4	264	14.2	171	26.0	136	44.4	35	10.0
1976 ...	1,160	26.8	1,016	27.7	737	41.4	279	14.8	144	21.8	110	35.7	34	9.6
1977 ...	1,245	28.3	1,082	28.9	814	44.9	268	13.9	163	24.5	130	42.0	33	9.3
1978 ...	1,294	29.0	1,121	29.5	839	45.6	282	14.4	173	25.9	129	41.6	44	12.3
1979 ...	1,268	28.0	1,104	28.6	811	43.4	293	14.7	164	24.3	124	39.6	40	11.1
1980 ...	1,178	25.7	1,046	27.3	756	40.6	290	14.7	132	17.5	112	31.6	20	5.0
1981 ...	1,132	24.4	1,008	26.0	736	39.0	272	13.6	124	16.5	94	26.7	30	7.5
1982 ...	1,091	23.3	972	24.7	723	37.9	249	12.3	119	15.9	96	27.4	23	5.8
1983 ...	1,076	22.8	937	23.6	660	34.2	277	13.5	139	18.6	108	31.0	31	7.8
1984 ...	1,154	24.5	1,014	25.6	725	37.7	289	14.2	140	18.5	103	29.3	37	9.2
1985 ...	1,135	23.6	984	24.7	695	35.7	289	14.2	151	18.2	113	28.4	38	8.8
1986 ...	1,289	26.5	1,128	26.1	793	40.4	335	16.3	161	19.1	120	29.8	41	9.4
1987 ...	1,298	26.5	1,136	26.0	780	39.4	356	17.2	162	19.0	122	29.8	40	9.0
1988 ...	1,288	26.0	1,129	27.6	799	40.0	330	15.8	159	18.4	125	30.1	34	7.5
1989 ...	1,138	22.7	996	24.1	688	34.1	308	14.6	142	16.1	107	25.3	35	7.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE II (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1970-1989

Year	Suicide													
	All Races		White				All Other Races							
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	497	12.7	459	13.9	356	22.2	103	6.1	38	6.0	28	9.5	10	3.0
1971 ...	490	12.2	461	13.7	358	21.8	103	5.9	29	4.6	19	6.4	10	3.0
1972 ...	469	11.5	440	12.8	331	19.8	109	6.2	29	4.5	20	6.6	9	2.6
1973 ...	490	11.8	460	13.2	349	20.6	111	6.2	30	4.6	24	7.9	6	1.7
1974 ...	544	12.9	514	14.5	390	22.6	124	6.8	30	4.6	22	7.2	8	2.3
1975 ...	567	13.3	525	14.6	384	21.9	141	7.6	42	6.4	33	10.8	9	2.6
1976 ...	559	12.9	515	14.0	409	23.0	106	5.6	44	6.7	39	12.7	5	1.4
1977 ...	588	13.4	543	14.5	411	22.7	132	6.9	45	6.8	33	10.7	12	3.4
1978 ...	548	12.3	523	13.8	389	21.1	134	6.9	25	3.7	21	6.8	4	1.1
1979 ...	607	13.4	565	14.6	412	22.0	153	7.7	42	6.2	30	9.6	12	3.3
1980 ...	566	12.3	523	13.6	392	21.0	131	6.6	43	5.7	34	9.6	9	2.2
1981 ...	577	12.4	529	13.6	403	21.4	126	6.3	47	6.2	37	10.5	10	2.5
1982 ...	589	12.6	546	13.9	424	22.2	122	6.0	43	5.7	31	8.8	12	3.0
1983 ...	604	12.8	572	14.4	440	22.8	132	6.5	32	4.3	26	7.5	6	1.5
1984 ...	656	14.0	619	15.6	483	25.1	136	6.7	39	5.2	32	9.1	7	1.7
1985 ...	598	12.4	545	13.7	426	21.9	119	5.8	53	6.4	41	10.3	12	2.8
1986 ...	642	13.2	585	14.6	457	23.3	128	6.2	57	6.8	42	10.4	15	3.4
1987 ...	623	12.7	575	14.2	454	22.9	121	5.8	48	5.6	41	10.0	7	1.6
1988 ...	662	13.4	603	14.7	493	24.7	110	5.3	59	6.8	46	11.1	13	2.9
1989 ...	671	13.4	611	14.8	501	24.8	110	5.2	59	6.7	49	11.6	10	2.2

Year	Homicide and Legal Intervention													
	All Races		White				All Other Races							
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 ...	441	11.2	240	7.3	178	11.1	62	3.7	201	32.0	153	51.8	48	14.4
1971 ...	486	12.1	269	8.0	220	13.4	49	2.8	217	34.1	185	62.0	32	9.5
1972 ...	549	13.4	278	8.1	219	13.1	59	3.3	271	42.0	222	73.5	49	14.3
1973 ...	550	13.3	282	7.5	214	12.6	48	2.7	288	44.5	224	74.1	64	18.6
1974 ...	569	13.5	290	8.2	232	13.5	58	3.2	279	42.7	232	76.0	47	13.5
1975 ...	568	13.3	302	8.4	244	13.9	58	3.1	266	40.5	213	69.5	53	15.1
1976 ...	492	11.4	265	7.2	209	11.7	56	3.0	227	34.4	186	60.4	41	11.6
1977 ...	477	10.8	244	6.5	195	10.8	49	2.5	233	35.1	185	59.8	48	13.5
1978 ...	456	10.2	241	6.4	193	10.5	48	2.5	215	32.2	181	58.3	34	9.5
1979 ...	474	10.5	244	6.3	187	10.0	57	2.9	230	34.1	190	60.7	40	11.1
1980 ...	551	12.0	300	7.8	234	12.6	66	3.3	251	33.2	207	58.5	44	11.0
1981 ...	510	11.0	283	7.3	223	11.8	60	3.0	227	30.2	181	51.4	46	11.5
1982 ...	482	10.3	251	6.4	194	10.2	57	2.8	231	30.8	189	53.9	42	10.5
1983 ...	440	9.3	222	5.6	168	8.7	54	2.6	218	29.2	179	51.3	39	9.8
1984 ...	414	8.8	236	6.0	181	9.4	55	2.7	178	23.6	157	44.6	21	5.2
1985 ...	431	9.0	233	5.9	174	8.9	59	2.9	198	23.9	157	39.5	41	9.5
1986 ...	517	10.6	248	6.2	192	9.8	56	2.7	269	32.0	223	55.3	46	10.5
1987 ...	495	10.1	230	5.7	181	9.1	49	2.4	265	31.1	204	49.9	61	13.7
1988 ...	508	10.3	240	5.9	155	7.8	85	4.1	269	31.1	216	52.0	53	11.8
1989 ...	462	9.2	233	5.6	177	8.8	56	2.6	228	25.9	183	43.3	45	9.8

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL CAUSES	ALL RACES.....	48,362	789	121	74	92	355	399	1,177	1,621	2,687	5,797	10,264	12,981	8,993
	WHITE.....	46,849	759	111	64	89	305	328	1,050	1,421	2,395	5,039	9,746	12,444	8,566
	OTHER RACES.....	1,513	30	10	10	3	50	71	127	200	292	758	518	537	427
SHIGELLOSIS AND AMEBIASIS (004,006)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012)	ALL RACES.....	6	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	6	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TUBERCULOSIS, OTHER FORMS (013-018)	ALL RACES.....	10	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	10	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MENINGOCOCCAL INFECTION (036)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEPTICEMIA (038)	ALL RACES.....	29	12	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	29	12	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
VIRAL ENCEPHALITIS (049.8-049.9, 062-064)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
VIRAL HEPATITIS (070)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROCKY MTN. SPOTTED FEVER (082.0)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SYPHILIS (090-097)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH		AGE AT DEATH														
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS	
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (1001-003,005,020-032,037,039-041,042,0-042,2,042,2,043,0-043,3,043,9,044,0,044,9,046-048,049,0-049,1,050-054,056-061,065-066,071-081,082,1,082,3,082,8-082,9,083-088,098-139)		ALL RACES.....	262	6	13	11	1	1	1	1	1	1	1	1	1	7
		WHITE.....	152	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	110	5	12	10	1	1	1	1	1	1	1	1	1	
MALIGNANT NEOPLASMS (140-208)		ALL RACES.....	10,183	1	10	11	9	10	2	6	10	10	10	10	7	
		WHITE.....	6,600	1	10	11	9	10	2	6	10	10	10	10	7	
		OTHER RACES.....	3,583	1	10	11	9	10	2	6	10	10	10	10	7	
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE (210-239)		ALL RACES.....	27	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	27	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
DIABETES MELLITUS (250)		ALL RACES.....	215	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	215	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
NUTRITIONAL DEFICIENCIES (260-269)		ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
ANEMIAS (280-285)		ALL RACES.....	20	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	20	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
MENINGITIS (320-322)		ALL RACES.....	18	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	18	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE (390-398)		ALL RACES.....	111	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	111	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
HYPERTENSIVE HEART DISEASE (402)		ALL RACES.....	496	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	496	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
HYPERTENSIVE HEART AND RENAL DISEASE (404)		ALL RACES.....	51	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	51	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	
ISCHEMIC HEART DISEASE (410-414)		ALL RACES.....	10,246	1	1	1	1	1	1	1	1	1	1	1	1	
		WHITE.....	4,246	1	1	1	1	1	1	1	1	1	1	1	1	
		OTHER RACES.....	6,000	1	1	1	1	1	1	1	1	1	1	1	1	

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TABLE III(Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL OTHER FORMS OF HEART DISEASE (415-429)	ALL RACES.....	4,462	9	1	3	5	7	10	34	85	200	483	941	1,407	1,269
	WHITE	4,462	9	1	3	5	7	10	34	85	200	483	941	1,407	1,269
	OTHER RACES	223	1	1	1	1	1	1	1	1	1	1	1	1	1
HYPERTENSION, WITH OR WITHOUT RENAL DISEASE (401,403)	ALL RACES.....	162	-	-	-	-	-	-	1	2	6	13	39	63	133
	WHITE	162	-	-	-	-	-	-	1	2	6	13	39	63	133
	OTHER RACES	22	-	-	-	-	-	-	-	-	-	-	-	-	-
CEREBROVASCULAR DISEASE (430-438)	ALL RACES.....	1,398	1	-	-	-	1	1	1	5	107	266	645	1,339	1,153
	WHITE	1,398	1	-	-	-	1	1	1	5	107	266	645	1,339	1,153
	OTHER RACES	240	-	-	-	-	-	-	-	-	-	-	-	-	-
ATHEROSCLEROSIS (440)	ALL RACES.....	619	-	-	-	-	-	-	-	-	1	1	53	12	216
	WHITE	619	-	-	-	-	-	-	-	-	1	1	53	12	216
	OTHER RACES	22	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES (441-448)	ALL RACES.....	670	-	-	-	-	1	1	1	2	1	6	137	150	80
	WHITE	670	-	-	-	-	1	1	1	2	1	6	137	150	80
	OTHER RACES	22	-	-	-	-	-	-	-	-	-	-	-	-	-
ACUTE BRONCHITIS AND BRONCHIOLITIS (466)	ALL RACES.....	14	2	-	-	-	-	-	-	-	-	1	1	1	7
	WHITE	14	2	-	-	-	-	-	-	-	-	1	1	1	7
	OTHER RACES	2	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA (480-486)	ALL RACES.....	1,490	14	2	2	1	2	2	16	20	24	71	195	503	628
	WHITE	1,490	14	2	2	1	2	2	16	20	24	71	195	503	628
	OTHER RACES	22	-	-	-	-	-	-	-	-	-	-	-	-	-
INFLUENZA (487)	ALL RACES.....	19	-	-	-	1	-	-	-	-	-	2	1	-	8
	WHITE	19	-	-	-	1	-	-	-	-	-	2	1	-	8
	OTHER RACES	1	-	-	-	-	-	-	-	-	-	-	-	-	-
BRONCHITIS, CHRONIC AND UNSPECIFIED (490-491)	ALL RACES.....	88	-	-	-	-	-	-	-	-	1	2	20	25	20
	WHITE	88	-	-	-	-	-	-	-	-	1	2	20	25	20
	OTHER RACES	2	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPHYSEMA (492)	ALL RACES.....	126	-	-	-	-	-	-	-	-	11	47	104	202	18
	WHITE	126	-	-	-	-	-	-	-	-	11	47	104	202	18
	OTHER RACES	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ASTHMA (493)	ALL RACES.....	79	-	-	-	-	-	-	-	-	-	14	2	1	1
	WHITE	79	-	-	-	-	-	-	-	-	-	14	2	1	1
	OTHER RACES	16	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (494-496)	ALL RACES.....	1,347	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	1,347	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ULCER OF STOMACH AND DUODENUM (531-533)	ALL RACES.....	123	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	123	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
APPENDICITIS (540-543)	ALL RACES.....	11	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	11	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	ALL RACES.....	123	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	123	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	ALL RACES.....	42	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	42	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER (574-575)	ALL RACES.....	76	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	76	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME (580-581)	ALL RACES.....	5	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	5	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CHRONIC GLOMERULONEPHRITIS AND UNSPECIFIED NEPHRITIS, NEPHROPATHY, AND RENAL SCLEROSIS (582-583,587)	ALL RACES.....	50	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	50	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE (584-586,588-589)	ALL RACES.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	3	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INFECTIONS OF KIDNEY (590)	ALL RACES.....	56	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	56	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HYPERPLASIA OF PROSTATE (600)	ALL RACES.....	13	1	1	1	1	1	1	1	1	1	1	1	1	1
	WHITE	13	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE III(Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH		AGE AT DEATH														
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS	
COMPLICATIONS OF PREGNANCY, CHILD BIRTH, AND THE PUERPERIUM (630-676)	ALL RACES.....	2	1	1	1	1	1	1	1	2	1	1	1	1	1	
	WHITE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CONGENITAL ANOMALIES (740-759)	ALL RACES.....	231	132	19	4	4	7	1	1	13	10	4	11	9	1	
	WHITE	221	122	19	4	4	7	1	1	13	10	4	11	9	1	
	OTHER RACES	10	10	1	1	1	1	1	1	1	1	1	1	1	1	
BIRTH TRAUMA, INTRAUTERINE HYPOXIA, BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME (767-769)	ALL RACES.....	77	76	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	77	76	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 770-779)	ALL RACES.....	322	320	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	322	320	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	ALL RACES.....	894	145	4	2	1	4	1	7	1	70	78	163	209	170	
	WHITE	894	145	4	2	1	4	1	7	1	70	78	163	209	170	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ALL OTHER DISEASES (240-249, 251-259, 260-269, 270-279, 280-289, 290-299, 300-309, 310-319, 320-329, 330-339, 340-349, 350-359, 360-369, 370-379, 380-389, 390-399, 400-409, 410-419, 420-429, 430-439, 440-449, 450-459, 460-469, 470-479, 480-489, 490-499, 500-509, 510-519, 520-529, 530-539, 540-549, 550-559, 560-569, 570-579, 580-589, 590-599, 600-609, 610-619, 620-629, 630-639, 640-649, 650-659, 660-669, 670-679, 680-689, 690-699, 700-709, 710-719, 720-729, 730-739, 740-749, 750-759, 760-769, 770-779, 780-789, 790-799)	ALL RACES.....	1,004	1,004	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	1,004	1,004	1	1	1	1	1	1	1	1	1	1	1	1	1
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL RACES.....	1,138	1	2	25	105	105	15	15	146	98	77	82	66	18	
	WHITE	1,138	1	2	25	105	105	15	15	146	98	77	82	66	18	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	ALL RACES.....	1,139	15	15	17	17	17	17	17	17	17	17	17	17	17	
	WHITE	1,139	15	15	17	17	17	17	17	17	17	17	17	17	17	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SUICIDE (E950-E959)	ALL RACES.....	671	1	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	671	1	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	ALL RACES.....	162	1	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	162	1	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ALL OTHER EXTERNAL CAUSES (E980-E999)	ALL RACES.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	WHITE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	OTHER RACES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE IV-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION,
BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All Causes#	45,362	9.1	37,575	9.1	7,782	8.8
Typhoid and paratyphoid fevers (002)	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003, 005)	3	0.1	3	0.1	-	-
Amebiasis (006)	-	-	-	-	-	-
Certain other intestinal infections (007-009)	5	0.1	2	0.0	3	0.3
Tuberculosis of respiratory system (010-012)	46	1.0	38	0.9	10	1.1
Other tuberculosis, excluding late effects (013-018)	10	0.2	6	0.1	4	0.5
Brucellosis (023)	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-
Streptococcal sore throat and scarlatina (034)	-	-	-	-	-	-
Erysipelas (035)	-	-	-	-	-	-
Meningococcal infection (036)	2	0.0	2	0.0	-	-
Tetanus (037)	-	-	-	-	-	-
Septicemia (038)	296	5.9	203	4.9	93	10.6
All other bacterial diseases (001, 020-022, 024-027, 030, 031, 039-041)	12	0.2	11	0.3	1	0.1
Human immunodeficiency virus (HIV) infection (*042-*044)	144	2.9	107	2.6	37	4.2
Acute poliomyelitis (045)	-	-	-	-	-	-
Viral encephalitis (049.8-049.9, 062-064)	3	0.1	3	0.1	-	-
Measles (055)	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-
Viral hepatitis (070)	56	1.2	53	1.3	5	0.6
All other viral diseases (046-049.1, 050-054, 057, 060, 061, 065, 066, 071-079)	21	0.4	17	0.4	4	0.5
Rocky Mountain spotted fever (082.0)	-	-	-	-	-	-
Other rickettsioses (080, 081, 082.1-083)	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-
Cardiovascular syphilis (093)	-	-	-	-	-	-
Neurosyphilis (094)	1	0.0	1	0.0	-	-
All other syphilis (090-092, 095-097)	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-
Candidiasis (112)	27	0.5	19	0.4	9	1.0
Histoplasmosis (115)	2	0.0	1	0.0	1	0.1
All other mycoses (110, 111, 114, 116-118)	24	0.5	20	0.5	4	0.5
Helminthiasis (120-129)	2	0.0	1	0.0	1	0.1
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085-088, 099-104, 130-139)	27	0.5	19	0.5	8	0.9
Malignant neoplasm of lip, oral cavity, and pharynx (140-149)	160	3.2	139	3.4	21	2.4
Malignant neoplasm of esophagus (150)	183	3.7	120	2.9	63	7.2
Malignant neoplasm of stomach (151)	221	4.4	162	3.9	59	6.7
Malignant neoplasm of small intestine, including duodenum (152)	22	0.4	18	0.4	4	0.5
Malignant neoplasm of colon (153)	980	19.6	824	19.9	156	17.7
Malignant neoplasm of rectum, rectosigmoid junction, and anus (154)	136	2.7	119	2.9	17	1.9
Malignant neoplasm of liver and intrahepatic bile ducts (155)	154	3.1	123	3.0	31	3.5
Malignant neoplasm of gallbladder and extrahepatic bile ducts (156)	66	1.3	62	1.5	4	0.5
Malignant neoplasm of pancreas (157)	552	11.0	456	11.0	96	10.9
Malignant neoplasm of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	31	0.6	27	0.7	4	0.5

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

#Rate per 1,000 population.

*These codes are not part of the Ninth Revision International Classification of Diseases.

TABLE IV (Continued)—DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1999

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of larynx (161)	82	1.6	66	1.6	16	1.8
Malignant neoplasm of trachea, bronchus, and lung (162)	3,163	63.1	2,687	65.0	476	54.1
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	38	0.8	32	0.8	6	0.7
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	76	1.5	62	1.5	14	1.6
Malignant neoplasm of skin (172-173)	205	4.1	197	4.8	8	0.9
Malignant neoplasm of female breast (174)	771	30.0	632	29.9	139	30.4
Malignant neoplasm of male breast (175)	7	0.3	7	0.3	-	-
Malignant neoplasm of cervix uteri (180)	102	4.0	70	3.3	32	7.0
Malignant neoplasm of other parts of uterus (179,181-182)	125	4.9	94	4.4	31	6.8
Malignant neoplasm of other female genital organs (183-184)	256	9.9	237	11.2	18	3.9
Malignant neoplasm of prostate (185)	629	25.8	463	23.0	166	36.3
Malignant neoplasm of other male genital organs (186-187)	14	0.6	12	0.6	2	0.5
Malignant neoplasm of bladder (188)	211	4.2	175	4.2	36	4.1
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	190	3.8	167	4.0	23	2.6
Malignant neoplasm of brain (191)	259	5.2	243	5.9	16	1.8
Malignant neoplasm of all other and unspecified sites (190,192-195,199)	595	11.9	479	11.6	116	13.2
Lymphosarcoma and reticulosarcoma (200)	31	0.6	29	0.7	3	0.3
Hodgkin's disease (201)	30	0.6	27	0.7	3	0.3
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	331	6.6	295	7.1	36	4.1
Multiple myeloma and immunoproliferative neoplasms (203)	197	3.9	153	3.7	44	5.0
Lymphoid leukemia (204)	119	2.4	103	2.5	16	1.8
Myeloid leukemia (205)	139	2.9	128	3.1	11	1.3
Other and unspecified leukemia (206-208)	107	2.1	92	2.2	15	1.7
Benign neoplasms (210-229)	38	0.8	34	0.8	4	0.5
Carcinoma in situ (230-234)	1	0.0	1	0.0	-	-
Neoplasms of uncertain behavior and unspecified nature (235-239)	58	1.2	51	1.2	7	0.8
Disorders of thyroid gland (240-246)	13	0.3	7	0.2	6	0.7
Diabetes mellitus (250)	915	18.3	679	16.4	236	26.7
Diseases of other endocrine glands (251-259)	21	0.4	16	0.4	5	0.6
Nutritional deficiencies (260-269)	41	0.8	33	0.8	8	0.9
Other metabolic disorders and immunity disorders (270-279)	233	4.6	183	4.4	50	5.7
Anemias (280-285)	90	1.8	64	1.5	26	3.0
All other diseases of blood and blood-forming organs (286-299)	80	1.6	67	1.6	13	1.5
Psychoses (290-299)	375	7.5	327	7.9	48	5.5
Alcohol dependence syndrome (303)	116	2.3	80	1.9	36	4.1
Drug dependence (304)	4	0.1	3	0.1	1	0.1
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-315)	176	3.5	148	3.6	28	3.2
Mental retardation (317-319)	13	0.3	11	0.3	2	0.2
Meningitis (320-322)	18	0.4	13	0.3	5	0.6
Parkinson's disease (332)	127	2.5	117	2.8	10	1.1
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	427	8.5	384	9.3	43	4.9
Multiple sclerosis (340)	19	0.4	16	0.4	3	0.3
Infantile cerebral palsy (343)	17	0.3	12	0.3	5	0.6
Epilepsy (345)	33	0.7	19	0.5	14	1.6

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.
Totals may include one or more deaths with race not stated.

TABLE IV (Continued)—DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1969

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All other diseases of central nervous system (323-326, 341-342, 344, 346-359)	140	2.8	109	2.6	31	3.5
Disorders of the eye and adnexa (360-379)	2	0.0	2	0.0	-	-
Disorders of the ear and mastoid process (380-389)	4	0.1	4	0.1	-	-
Acute rheumatic fever (390-392)	1	0.0	1	0.0	-	-
Diseases of mitral valve (394)	44	0.9	36	0.9	8	0.9
Diseases of aortic valve (395)	9	0.2	8	0.2	1	0.1
Diseases of mitral and aortic valves (396)	29	0.6	25	0.6	4	0.5
All other chronic rheumatic heart disease (393, 397-398)	28	0.6	23	0.6	5	0.6
Essential hypertension (401)	58	1.2	46	1.1	12	1.4
Hypertensive heart disease (402)	494	9.9	277	6.7	217	24.7
Hypertensive renal disease (403)	104	2.1	66	1.6	38	4.3
Hypertensive heart and renal disease (404)	51	1.0	34	0.9	17	1.9
Acute myocardial infarction (410)	5,941	118.6	5,297	128.2	644	73.2
Other acute and subacute forms of ischemic heart disease (411)	27	0.5	18	0.4	9	1.0
Angina pectoris (413)	16	0.3	15	0.4	1	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease (412, 414)	4,262	85.0	3,752	90.8	510	58.0
Diseases of pulmonary circulation (415-417)	247	4.9	204	4.9	43	4.9
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420-423)	38	0.8	32	0.8	6	0.7
Other diseases of endocardium (424)	180	3.6	161	3.9	19	2.2
Cardiomyopathy (425)	407	8.1	301	7.3	106	12.1
Heart failure (428)	773	15.4	648	15.7	125	14.2
All other and ill-defined forms of heart disease (426-427, 429)	2,817	56.2	2,104	50.9	713	81.1
Subarachnoid hemorrhage (430)	153	3.1	129	3.1	24	2.7
Intracerebral and other and unspecified intracranial hemorrhage (431-432)	465	9.3	355	8.6	110	12.5
Occlusion and stenosis of precerebral arteries (433)	32	0.6	26	0.7	4	0.5
Occlusion of cerebral arteries (434)	472	9.4	388	9.4	84	9.6
Acute but ill-defined cerebrovascular disease (436)	2,041	40.7	1,678	40.6	363	41.3
Other and ill-defined and late effects of cerebrovascular disease (435, 437-438)	435	8.7	349	8.4	86	9.8
Atherosclerosis (440)	419	8.4	371	9.0	48	5.5
Aortic aneurysm (441)	285	5.7	256	6.2	29	3.3
All other diseases of arteries, arterioles, and capillaries (442-448)	185	3.7	151	3.7	34	3.9
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	86	1.7	70	1.7	16	1.8
Acute bronchitis and bronchiolitis (466)	14	0.3	12	0.3	2	0.2
Viral pneumonia (480)	12	0.2	8	0.2	4	0.5
Pneumococcal and other bacterial pneumonia (481-482)	120	2.4	107	2.6	13	1.5
Bronchopneumonia, organism unspecified (485)	113	2.3	101	2.4	12	1.4
Pneumonia due to other and unspecified organism (483, 486)	1,245	24.8	1,046	25.3	199	22.6
Influenza (487)	19	0.4	18	0.4	1	0.1
Bronchitis, chronic and unspecified (490-491)	88	1.8	76	1.9	9	1.0
Emphysema (492)	266	5.3	246	6.0	20	2.3
Asthma (493)	79	1.6	54	1.3	25	2.8
Chronic airways obstruction, not elsewhere classified (496)	1,319	26.3	1,200	29.0	119	13.5
Empyema and abscess of lung and mediastinum (510, 513)	9	0.2	6	0.1	3	0.3
Pleurisy (511)	10	0.2	9	0.2	1	0.1
All other diseases of the respiratory system (460-465, 470-478, 484-485, 500-508, 512, 514-519)	492	9.8	412	10.0	80	9.1

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TABLE IV (Continued)—DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1969

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Diseases of oral cavity, salivary glands, and jaws (520-529)	3	0.1	3	0.1	-	-
Gastric ulcer (531)	38	0.8	30	0.7	8	0.9
Duodenal ulcer (532)	34	0.7	32	0.8	2	0.2
Peptic ulcer, site unspecified (533)	51	1.0	44	1.1	7	0.8
Gastritis and duodenitis (535)	9	0.2	7	0.2	2	0.2
Other diseases of esophagus, stomach, and duodenum (530,534,536,537)	50	1.2	53	1.3	6	0.7
Appendicitis (540-543)	11	0.2	7	0.2	4	0.5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	128	2.6	98	2.4	30	3.4
Regional enteritis and idiopathic proctocolitis (555-556)	10	0.2	8	0.2	2	0.2
All other noninfective gastroenteritis and colitis (557-558)	192	3.8	171	4.1	21	2.4
Diverticula of intestine (562)	79	1.6	69	1.7	10	1.1
Chronic liver disease and cirrhosis (571)	425	8.5	356	8.6	69	7.8
Cholelithiasis and other disorders of gallbladder (574-575)	76	1.5	70	1.7	6	0.7
All other diseases of digestive system (564-570, 572-573,576-579)	344	6.9	292	7.1	52	5.9
Acute glomerulonephritis (580)	2	0.0	1	0.0	1	0.1
Nephrotic syndrome (581)	3	0.1	3	0.1	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	50	1.0	35	0.8	15	1.7
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	332	6.6	252	6.1	80	9.1
Infections of kidney (590)	36	0.7	25	0.6	11	1.3
Urinary calculus (592,594)	7	0.1	5	0.1	2	0.2
All other diseases of urinary system (591,593,595-599)	477	9.5	364	8.8	113	12.8
Hyperplasia of prostate (600)	13	0.5	13	0.5	-	-
Other diseases of male genital organs (601-608)	4	0.2	3	0.1	1	0.2
Disorders of breast (610-611)	-	-	-	-	-	-
Diseases of female genital organs (614-629)	6	0.2	4	0.2	2	0.4
Pregnancy with abortive outcome (630-636)**	-	-	-	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)**	-	-	-	-	-	-
Tosemia of pregnancy, childbirth, and the puerperium (642.4-642.9,643)**	2	0.3	1	0.2	1	0.5
Other complications of pregnancy, childbirth, and the puerperium (642.0-642.3,644-665,667-676)**	-	-	-	-	-	-
Infections of skin and subcutaneous tissue (680-686)	28	0.6	25	0.6	3	0.3
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690-709)	41	0.8	23	0.6	18	2.0
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	55	1.1	53	1.3	2	0.2
Other arthropathies and related disorders (710-712,715-719)	100	2.2	81	2.0	28	3.2
Dorsopathies (720-724)	6	0.1	6	0.1	-	-
Rheumatism, excluding the back (725-729)	4	0.1	3	0.1	1	0.1
Osteopathies, chondropathies, and acquired musculo- skeletal deformities (730-739)	29	0.6	22	0.5	7	0.8
Spina bifida (741)	4	0.1	3	0.1	1	0.1
All other congenital anomalies of nervous system (740,742)	27	0.5	19	0.5	8	0.9
Congenital anomalies of heart (745-746)	89	1.8	71	1.7	18	2.0
Other congenital anomalies of circulatory system (747)	19	0.4	13	0.3	6	0.7
All other congenital anomalies (743-744,748-750)	92	1.8	72	1.7	20	2.3

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**Rate per 10,000 live births.

TABLE IV (Continued)—DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION,
BY RACE, RESIDENT DATA, TENNESSEE, 1969

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Certain conditions originating in the perinatal period						
(760-779)	399	8.0	200	4.8	199	22.6
Immaturity (765)	87	1.7	35	0.8	52	5.9
Birth trauma (767)	9	0.2	5	0.1	4	0.5
Intrauterine hypoxia and birth asphyxia (768)	7	0.1	5	0.1	2	0.2
Respiratory distress syndrome (769)	61	1.2	41	1.0	20	2.3
All other conditions originating in the perinatal period (760-764,766,770-779)	235	4.7	114	2.8	121	13.8
Senility without mention of psychosis (797)	18	0.4	16	0.4	2	0.2
Symptoms, signs, and ill-defined conditions (780-796,798-799)	876	17.5	701	17.0	174	19.8
Railway accidents (E800-E807)	11	0.2	10	0.2	1	0.1
Motor vehicle traffic accident involving collision with another motor vehicle (E811-E812)	469	9.4	427	10.3	42	4.8
Motor vehicle traffic accident involving collision with other vehicle or object (E813,E815)	325	6.5	275	6.7	51	5.8
Motor vehicle traffic accident involving collision with pedestrian (E814)	84	1.7	66	1.6	18	2.0
Motor vehicle accident not involving collision on highway (E816-E818)	157	3.1	139	3.4	18	2.0
Motor vehicle traffic accidents of other and unspecified nature (E819,E819)	60	1.2	50	1.2	10	1.1
Motor vehicle nontraffic accidents (E820-E825)	42	0.8	39	0.9	3	0.3
Other road vehicle accidents (E826-E829)	6	0.1	5	0.1	1	0.1
Water transport accidents (E830-E836)	22	0.4	19	0.5	3	0.3
Air and space transport accidents (E840-E845)	20	0.4	19	0.5	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	1	0.0	-	-	1	0.1
Accidental poisoning by drugs, medicaments, and biologicals (E850-E856)	74	1.5	52	1.3	22	2.5
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	21	0.4	18	0.4	3	0.3
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870-E879)	41	0.8	31	0.8	10	1.1
Accidental falls (E880-E886)	263	5.6	259	6.3	24	2.7
Accidents caused by fire and flames (E890-E899)	144	2.9	107	2.6	37	4.2
Accidents due to natural and environmental factors (E900-E909)	42	0.8	34	0.8	8	0.9
Accidental drowning and submersion (E910)	85	1.7	62	1.5	23	2.6
Suffocation by food or other object (E911-E912)	90	1.8	70	1.7	20	2.3
Accident caused by firearm missile (E922)	77	1.5	58	1.4	19	2.2
All other accidents and late effects of accidental injury (E913-E921,E923-E929)	210	4.2	178	4.3	32	3.6
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	12	0.2	11	0.3	1	0.1
Suicide and selfinflicted injury by firearms and explosives (E955)	506	10.1	468	11.3	38	4.3
All other suicides and selfinflicted injuries (E950-E954,E956-E959)	165	3.3	143	3.5	21	2.4
Assault by firearms and explosives (E965)	325	6.5	156	3.8	168	19.1
All other homicides and injuries purposely inflicted by other persons (E960-E964,E966-E969)	136	2.7	77	1.9	59	6.7
Legal intervention (E970-E976)	1	0.0	-	-	1	0.1
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	21	0.4	18	0.4	3	0.3
All other injuries undetermined whether accidentally or purposely inflicted (E980-E984,E986-E989)	32	0.6	25	0.6	7	0.8
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.
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TABLE V-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	STATE				ANDERSON				BEDFORD			
	ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE		ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE		ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE	
ESTIMATED POPULATION	5,011,194	4,131,649	879,545		71,279	67,209	4,070		29,627	26,231	3,396	
LIVE BIRTHS	73137 14.6	54504 13.2	18620 21.2		838 11.8	778 11.6	60 14.7		418 14.1	368 14.0	50 14.7	
ILLEGITIMATE BIRTHS	21268 29.1	8794 16.1	12470 67.0		179 21.4	144 18.5	35 58.3		107 25.6	74 20.1	33 66.0	
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	6024 8.2	3546 6.5	2477 13.3		58 6.9	55 7.1	3 5.0		35 8.4	31 8.4	4 8.0	
INFANT DEATHS (UNDER ONE YEAR OF AGE)	789 10.8	459 8.4	330 17.7		6 7.2	4 5.1	2 33.3		2 4.8	2 5.4	-	
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	500 6.8	279 5.1	221 11.9		4 4.8	2 2.6	2 33.3		1 2.4	1 2.7	-	
UNDER 7 DAYS OF AGE	417 5.7	235 4.3	182 9.8		4 4.8	2 2.6	2 33.3		1 2.4	1 2.7	-	
7-27 DAYS OF AGE	83 1.1	44 0.8	39 2.1		-	-	-		-	-	-	
FETAL DEATHS	421 5.8	288 5.3	132 7.1		3 3.6	2 2.6	1 16.7		5 12.0	4 10.9	1 20.0	
INDUCED ABORTIONS	18183 248.6	11486 208.6	6660 368.7		203 242.2	180 229.3	22 415.1		29 69.4	24 64.2	5 113.6	
TOTAL DEATHS	45342 9.1	37575 9.1	7782 8.8		615 8.6	595 8.9	20 4.9		290 9.8	265 10.1	25 7.4	
CAUSE OF DEATH												
SEPTICEMIA (038)	296 5.9	203 4.9	93 10.6		3 4.2	3 4.5	-		1 3.4	1 3.8	-	
MALIGNANT NEOPLASMS (140-208)	10181 203.2	8499 205.7	1682 191.2		158 221.7	152 226.2	6 -		67 226.1	61 232.5	6 -	
DIABETES MELLITUS (250)	915 18.3	679 16.4	235 26.7		14 19.6	14 20.8	-		7 23.6	5 19.1	2 -	
DISEASES OF HEART (390-398,402,404-429)	15364 306.6	12936 313.1	2428 276.1		152 213.2	144 214.3	8 -		96 324.0	86 327.9	10 -	
CEREBROVASCULAR DISEASE (430-438)	3598 71.8	2927 70.8	671 76.3		43 60.3	42 62.5	1 -		44 148.5	41 156.3	3 -	
ATHEROSCLEROSIS (440)	419 8.4	371 9.0	48 5.5		18 25.3	18 26.8	-		1 3.4	1 3.8	-	
PNEUMONIA AND INFLUENZA (480-487)	1509 30.1	1280 31.0	229 26.0		24 33.7	23 34.2	1 -		4 13.5	4 15.2	-	
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	1780 35.5	1605 38.8	175 19.9		25 35.1	25 37.2	-		5 16.9	5 19.1	-	
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	425 8.5	356 8.6	69 7.8		3 4.2	3 4.5	-		1 3.4	1 3.8	-	
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	387 7.7	291 7.0	96 10.9		3 4.2	3 4.5	-		2 6.8	2 7.6	-	
CONGENITAL ANOMALIES (740-759)	231 4.6	178 4.3	53 6.0		4 5.6	4 6.0	-		4 13.5	4 15.2	-	
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	399 8.0	200 4.8	199 22.6		4 5.6	2 3.0	2 -		1 3.4	1 3.8	-	
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	894 17.8	717 17.4	176 20.0		41 57.5	41 61.0	-		2 6.8	2 7.6	-	
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2277 45.4	1929 46.7	347 39.5		32 44.9	32 47.6	-		10 33.8	10 38.1	-	
MOTOR VEHICLE ACCIDENTS (E810-E825)	1138 22.7	996 24.1	142 16.1		22 30.9	22 32.7	-		7 23.6	7 26.7	-	
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1139 22.7	933 22.6	205 23.3		10 14.0	10 14.9	-		3 10.1	3 11.4	-	
SUICIDE (E950-E959)	471 13.4	611 14.8	59 6.7		10 14.0	9 13.4	1 -		5 16.9	5 19.1	-	
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	462 9.2	233 5.6	228 25.9		2 2.8	1 1.5	1 -		1 3.4	1 3.8	-	
ALL OTHER CAUSES	5554 110.8	4560 110.4	996 113.0		79 110.8	79 117.5	-		39 131.6	35 133.4	4 -	

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	BENTON			BLEDSOE			BLOUNT		
	ALL RACES 15,912 NO. RATE	WHITE 15,497 NO. RATE	OTHER RACES 415 NO. RATE	ALL RACES 10,482 NO. RATE	WHITE 10,141 NO. RATE	OTHER RACES 341 NO. RATE	ALL RACES 84,436 NO. RATE	WHITE 81,192 NO. RATE	OTHER RACES 3,244 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	161 10.1	152 9.8	9 21.7	130 12.4	129 12.7	1 2.9	1092 12.9	1040 12.8	52 16.0
ILLEGITIMATE BIRTHS	33 20.5	25 16.4	8 -	21 16.2	20 15.5	1 -	194 17.8	165 15.9	29 55.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	14 8.7	13 8.6	1 -	12 9.2	12 9.3	- -	68 6.2	61 5.9	7 13.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 6.2	- -	1 -	3 23.1	3 23.3	- -	5 4.6	5 4.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	3 23.1	3 23.3	- -	4 3.7	4 3.8	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	2 15.4	2 15.5	- -	3 2.7	3 2.9	- -
7-27 DAYS OF AGE	- -	- -	- -	1 7.7	1 7.8	- -	1 0.9	1 1.0	- -
FETAL DEATHS	2 12.4	2 13.2	- -	2 15.4	2 15.5	- -	3 2.7	3 2.9	- -
INDUCED ABORTIONS	17 105.6	13 85.5	4 -	9 69.2	9 69.8	- -	273 250.0	251 239.5	22 500.0
TOTAL DEATHS	194 12.2	185 11.9	9 21.7	120 11.4	118 11.6	2 5.9	723 8.6	683 8.4	39 12.0
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	7 8.3	7 8.6	- -
MALIGNANT NEOPLASMS (140-208)	34 213.7	34 219.4	- -	19 181.3	19 187.4	- -	194 229.8	185 227.9	9 -
DIABETES MELLITUS (250)	2 12.6	2 12.9	- -	5 47.7	5 49.3	- -	10 11.8	10 12.3	- -
DISEASES OF HEART (390-398,402,404-429)	78 490.2	76 490.4	2 -	46 438.8	46 453.6	- -	225 266.5	216 266.0	9 -
CEREBROVASCULAR DISEASE (430-438)	20 125.7	18 116.2	2 -	7 66.8	7 69.0	- -	58 68.7	54 66.5	4 -
ATHEROSCLEROSIS (440)	- -	- -	- -	1 9.5	1 9.9	- -	9 10.7	8 9.9	1 -
PNEUMONIA AND INFLUENZA (480-487)	10 62.8	10 64.5	- -	3 28.6	3 29.6	- -	30 35.5	28 34.5	2 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9 56.6	9 58.1	- -	4 38.2	4 39.4	- -	17 20.1	17 20.9	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 12.6	2 12.9	- -	2 19.1	2 19.7	- -	2 2.4	2 2.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 18.9	3 19.4	- -	- -	- -	- -	6 7.1	5 6.2	1 -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	3 28.6	3 29.6	- -	1 1.2	1 1.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	3 3.6	3 3.7	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4 25.1	3 19.4	1 -	- -	- -	- -	21 24.9	18 22.2	3 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10 62.8	8 51.6	2 -	15 143.1	15 147.9	- -	32 37.9	31 38.2	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	5 31.4	4 25.8	1 -	6 57.2	6 59.2	- -	15 17.8	14 17.2	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 31.4	4 25.8	1 -	9 85.9	9 88.7	- -	17 20.1	17 20.9	- -
SUICIDE (E950-E959)	5 31.4	4 25.8	1 -	2 19.1	2 19.7	- -	14 16.6	13 16.0	1 -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	1 9.5	1 9.9	- -	5 5.9	4 4.9	- -
ALL OTHER CAUSES	17 106.8	16 103.2	1 -	12 114.5	10 98.6	2 -	89 105.4	81 99.8	8 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	BRADLEY			CAMPBELL			CANNON		
	ALL RACES 76,839 NO. RATE	WHITE 73,234 NO. RATE	OTHER RACES 3,605 NO. RATE	ALL RACES 39,779 NO. RATE	WHITE 39,453 NO. RATE	OTHER RACES 326 NO. RATE	ALL RACES 10,900 NO. RATE	WHITE 10,677 NO. RATE	OTHER RACES 223 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	1005 13.1	950 13.0	55 15.3	496 12.5	493 12.5	3 9.2	135 12.4	134 12.4	1 4.5
ILLEGITIMATE BIRTHS	198 19.7	165 17.4	33 60.0	123 24.8	122 24.7	1 -	26 19.3	26 19.4	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	48 4.8	42 4.4	6 10.9	51 10.3	51 10.3	- -	5 3.7	5 3.7	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	6 6.0	6 6.3	- -	6 12.1	6 12.2	- -	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3 3.0	3 3.2	- -	3 6.0	3 6.1	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	2 2.0	2 2.1	- -	3 6.0	3 6.1	- -	- -	- -	- -
7-27 DAYS OF AGE	1 1.0	1 1.1	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	8 8.0	6 6.3	2 36.4	- -	- -	- -	- -	- -	- -
INDUCED ABORTIONS	201 200.0	188 196.7	13 265.3	59 119.0	59 119.4	- -	16 118.5	15 111.9	1 -
TOTAL DEATHS	592 7.7	571 7.8	21 5.8	385 9.7	383 9.7	2 6.1	108 9.9	104 9.7	4 17.9
CAUSE OF DEATH									
SEPTICEMIA (038)	1 1.3	1 1.4	- -	1 2.5	1 2.5	- -	1 9.2	1 9.4	- -
MALIGNANT NEOPLASMS (140-208)	124 161.4	122 166.6	2 -	92 231.3	91 230.7	1 -	29 266.1	28 262.2	1 -
DIABETES MELLITUS (250)	11 14.3	8 10.9	3 -	3 7.5	3 7.6	- -	6 55.0	6 56.2	- -
DISEASES OF HEART (390-398,402,404-429)	201 261.6	194 264.9	7 -	133 334.3	133 337.1	- -	36 330.3	35 327.8	1 -
CEREBROVASCULAR DISEASE (430-438)	50 65.1	49 66.9	1 -	25 62.8	25 63.4	- -	12 110.1	11 103.0	1 -
ATHEROSCLEROSIS (440)	8 10.4	6 8.2	2 -	- -	- -	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	21 27.3	21 28.7	- -	23 57.8	23 58.3	- -	3 27.5	3 28.1	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	30 39.0	30 41.0	- -	23 57.8	23 58.3	- -	7 64.2	6 56.2	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 3.9	3 4.1	- -	6 15.1	6 15.2	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 5.2	4 5.5	- -	6 15.1	6 15.2	- -	3 27.5	3 28.1	- -
CONGENITAL ANOMALIES (740-759)	1 1.3	1 1.4	- -	2 5.0	2 5.1	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 3.9	3 4.1	- -	4 10.1	4 10.1	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	17 22.1	17 23.2	- -	6 15.1	6 15.2	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	31 40.3	30 41.0	1 -	19 47.8	19 48.2	- -	3 27.5	3 28.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	21 27.3	21 28.7	- -	7 17.6	7 17.7	- -	3 27.5	3 28.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10 13.0	9 12.3	1 -	12 30.2	12 30.4	- -	- -	- -	- -
SUICIDE (E950-E959)	9 11.7	9 12.3	- -	6 15.1	6 15.2	- -	4 36.7	4 37.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 3.9	3 4.1	- -	1 2.5	1 2.5	- -	- -	- -	- -
ALL OTHER CAUSES	75 97.6	70 95.6	5 -	35 88.0	34 86.2	1 -	4 36.7	4 37.5	- -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CARROLL			CARTER			CHEATHAM		
	ALL RACES 29,534 NO. RATE	WHITE 25,989 NO. RATE	OTHER RACES 3,545 NO. RATE	ALL RACES 53,267 NO. RATE	WHITE 52,648 NO. RATE	OTHER RACES 619 NO. RATE	ALL RACES 26,796 NO. RATE	WHITE 26,158 NO. RATE	OTHER RACES 638 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	356 12.1	295 11.4	61 17.2	549 10.3	538 10.2	11 17.8	408 15.2	400 15.3	8 12.5
ILLEGITIMATE BIRTHS	79 22.2	40 16.3	31 50.8	101 18.4	95 17.7	6 54.5	50 12.3	49 12.2	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	29 8.1	21 7.1	8 13.1	33 6.0	33 6.1	- -	23 5.6	23 5.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 5.6	1 3.4	1 16.4	5 9.1	5 9.3	- -	3 7.4	3 7.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.8	- -	1 16.4	3 5.5	3 5.6	- -	2 4.9	2 5.0	- -
UNDER 7 DAYS OF AGE	1 2.8	- -	1 16.4	3 5.5	3 5.6	- -	1 2.5	1 2.5	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 2.5	1 2.5	- -
FETAL DEATHS	1 2.8	1 3.4	- -	7 12.8	7 13.0	- -	4 9.8	4 10.0	- -
INDUCED ABORTIONS	77 216.3	59 199.3	18 300.0	47 85.6	46 85.0	1 -	42 102.9	40 99.3	2 -
TOTAL DEATHS	376 12.7	339 13.0	37 10.4	447 8.4	440 8.4	7 11.3	184 6.9	180 6.9	4 6.3
CAUSE OF DEATH									
SEPTICEMIA (038)	1 3.4	1 3.8	- -	2 3.8	2 3.8	- -	1 3.7	1 3.8	- -
MALIGNANT NEOPLASMS (140-208)	67 226.9	62 238.6	5 -	95 178.3	94 178.5	1 -	41 153.0	40 152.9	1 -
DIABETES MELLITUS (250)	3 10.2	2 7.7	1 -	13 24.4	12 22.8	1 -	7 26.1	7 26.8	- -
DISEASES OF HEART (390-398,402,404-429)	173 585.8	161 619.5	12 -	172 322.9	171 324.8	1 -	64 238.8	62 237.0	2 -
CEREBROVASCULAR DISEASE (430-438)	34 115.1	26 100.0	8 -	26 48.8	26 49.4	- -	18 67.2	17 65.0	1 -
ATHEROSCLEROSIS (440)	2 6.8	2 7.7	- -	2 3.8	2 3.8	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	6 20.3	5 19.2	1 -	10 18.8	10 19.0	- -	1 3.7	1 3.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	16 54.2	15 57.7	1 -	14 26.3	14 26.6	- -	10 37.3	10 38.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	3 5.6	3 5.7	- -	3 11.2	3 11.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 6.8	2 7.7	- -	3 5.6	3 5.7	- -	1 3.7	1 3.8	- -
CONGENITAL ANOMALIES (740-759)	1 3.4	- -	1 -	3 5.6	3 5.7	- -	3 11.2	3 11.5	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.4	- -	1 -	3 5.6	3 5.7	- -	1 3.7	1 3.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 3.4	1 3.8	- -	3 5.6	3 5.7	- -	1 3.7	1 3.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19 64.3	15 57.7	4 -	20 37.5	20 38.0	- -	12 44.8	12 45.9	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	13 44.0	10 38.5	3 -	14 26.3	14 26.6	- -	6 22.4	6 22.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 20.3	5 19.2	1 -	6 11.3	6 11.4	- -	6 22.4	6 22.9	- -
SUICIDE (E950-E959)	4 13.5	4 15.4	- -	9 16.9	9 17.1	- -	2 7.5	2 7.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 3.4	1 3.8	- -	3 5.6	2 3.8	1 -	3 11.2	3 11.5	- -
ALL OTHER CAUSES	45 152.4	42 161.6	3 -	66 123.9	63 119.7	3 -	16 59.7	16 61.2	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CHESTER			CLAIBORNE			CLAY		
	ALL RACES 14,057 NO. RATE	WHITE 12,548 NO. RATE	OTHER RACES 1,509 NO. RATE	ALL RACES 27,179 NO. RATE	WHITE 26,756 NO. RATE	OTHER RACES 423 NO. RATE	ALL RACES 7,984 NO. RATE	WHITE 7,854 NO. RATE	OTHER RACES 130 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	157 11.2	137 10.9	20 13.3	329 12.1	325 12.1	4 9.5	78 9.8	74 9.4	4 30.8
ILLEGITIMATE BIRTHS	33 21.0	19 13.9	14 70.0	62 18.8	61 18.8	1 -	13 16.7	12 16.2	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17 10.8	14 10.2	3 15.0	24 7.3	24 7.4	- -	5 6.4	4 5.4	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 12.7	2 14.6	- -	2 6.1	2 6.2	- -	2 25.6	2 27.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 6.4	1 7.3	- -	1 3.0	1 3.1	- -	1 12.8	1 13.5	- -
UNDER 7 DAYS OF AGE	1 6.4	1 7.3	- -	- -	- -	- -	1 12.8	1 13.5	- -
7-27 DAYS OF AGE	- -	- -	- -	1 3.0	1 3.1	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	1 3.0	1 3.1	- -	- -	- -	- -
INDUCED ABORTIONS	20 127.4	17 122.3	3 166.7	49 148.9	48 147.2	1 -	5 64.1	5 64.9	- -
TOTAL DEATHS	127 9.0	118 9.4	9 6.0	260 9.6	258 9.6	2 4.7	93 11.6	88 11.2	5 38.5
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	1 3.7	1 3.7	- -	1 12.5	1 12.7	- -
MALIGNANT NEOPLASMS (140-208)	27 192.1	26 207.2	1 -	60 220.8	59 220.5	1 -	18 225.5	16 203.7	2 -
DIABETES MELLITUS (250)	5 35.6	4 31.9	1 -	4 14.7	4 14.9	- -	5 62.6	4 50.9	1 -
DISEASES OF HEART (390-398,402,404-429)	40 284.6	39 310.8	1 -	88 323.8	87 325.2	1 -	34 425.9	33 420.2	1 -
CEREBROVASCULAR DISEASE (430-438)	14 99.6	12 95.6	2 -	13 47.8	13 48.6	- -	6 75.2	5 63.7	1 -
ATHEROSCLEROSIS (440)	- -	- -	- -	4 14.7	4 14.9	- -	5 62.6	5 63.7	- -
PNEUMONIA AND INFLUENZA (480-487)	3 21.3	3 23.9	- -	14 51.5	14 52.3	- -	3 37.6	3 38.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6 42.7	5 39.8	1 -	7 25.8	7 26.2	- -	1 12.5	1 12.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	4 14.7	4 14.9	- -	1 12.5	1 12.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	4 14.7	4 14.9	- -	1 12.5	1 12.7	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	2 7.4	2 7.5	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 7.1	1 8.0	- -	- -	- -	- -	1 12.5	1 12.7	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 14.2	2 15.9	- -	1 3.7	1 3.7	- -	1 12.5	1 12.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 42.7	6 47.8	- -	20 73.6	20 74.7	- -	6 75.2	6 76.4	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	2 14.2	2 15.9	- -	12 44.2	12 44.8	- -	4 50.1	4 50.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 28.5	4 31.9	- -	8 29.4	8 29.9	- -	2 25.1	2 25.5	- -
SUICIDE (E950-E959)	2 14.2	2 15.9	- -	5 18.4	5 18.7	- -	- -	- -	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 14.2	1 8.0	1 -	3 11.0	3 11.2	- -	1 12.5	1 12.7	- -
ALL OTHER CAUSES	19 135.2	17 135.5	2 -	30 110.4	30 112.1	- -	9 112.7	9 114.6	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	COCKE			COFFEE			CROCKETT		
	ALL RACES 30,257 NO. RATE	WHITE 29,533 NO. RATE	OTHER RACES 724 NO. RATE	ALL RACES 41,529 NO. RATE	WHITE 39,686 NO. RATE	OTHER RACES 1,843 NO. RATE	ALL RACES 15,337 NO. RATE	WHITE 12,210 NO. RATE	OTHER RACES 3,127 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	354 11.7	340 11.5	14 19.3	614 14.8	576 14.5	38 20.6	196 12.8	136 11.1	60 19.2
ILLEGITIMATE BIRTHS	110 31.1	98 28.8	12 85.7	126 20.5	103 17.9	23 60.5	58 29.6	21 15.4	37 61.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35 9.9	31 9.1	4 28.6	42 6.8	36 6.2	6 15.8	18 9.2	9 6.6	9 15.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 11.3	3 8.8	1 71.4	6 9.8	5 8.7	1 26.3	1 5.1	1 7.4	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3 8.5	2 5.9	1 71.4	2 3.3	2 3.5	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	1 2.8	1 2.9	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	2 5.6	1 2.9	1 71.4	2 3.3	2 3.5	- -	- -	- -	- -
FETAL DEATHS	4 11.3	4 11.8	- -	4 6.5	4 6.9	- -	1 5.1	- -	1 16.7
INDUCED ABORTIONS	78 220.3	72 209.9	6 545.5	83 135.2	81 138.7	2 66.7	25 127.6	21 152.2	4 69.0
TOTAL DEATHS	310 10.2	303 10.3	7 9.7	409 9.8	389 9.8	20 10.9	179 11.7	153 12.5	26 8.3
CAUSE OF DEATH									
SEPTICEMIA (038)	2 6.6	2 6.8	- -	5 12.0	4 10.1	1 -	3 19.6	2 16.4	1 -
MALIGNANT NEOPLASMS (140-208)	58 191.7	58 196.4	- -	91 219.1	89 224.3	2 -	37 241.2	33 270.3	4 -
DIABETES MELLITUS (250)	5 16.5	5 16.9	- -	14 33.7	12 30.2	2 -	5 32.6	4 32.8	1 -
DISEASES OF HEART (390-398,402,404-429)	125 413.1	121 409.7	4 -	146 351.6	137 345.2	9 -	69 449.9	56 458.6	13 -
CEREBROVASCULAR DISEASE (430-438)	34 112.4	32 108.4	2 -	35 84.3	35 88.2	- -	16 104.3	16 131.0	- -
ATHEROSCLEROSIS (440)	3 9.9	3 10.2	- -	6 14.4	6 15.1	- -	6 39.1	5 41.0	1 -
PNEUMONIA AND INFLUENZA (480-487)	11 36.4	11 37.2	- -	15 36.1	14 35.3	1 -	5 32.6	5 41.0	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17 56.2	17 57.6	- -	19 45.8	19 47.9	- -	3 19.6	3 24.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 3.3	1 3.4	- -	6 14.4	6 15.1	- -	1 6.5	1 8.2	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 6.6	2 6.8	- -	2 4.8	2 5.0	- -	1 6.5	- -	1 -
CONGENITAL ANOMALIES (740-759)	2 6.6	1 3.4	1 -	- -	- -	- -	1 6.5	1 8.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.3	1 3.4	- -	2 4.8	1 2.5	1 -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6 19.8	6 20.3	- -	6 14.4	6 15.1	- -	2 13.0	2 16.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14 46.3	14 47.4	- -	17 40.9	15 37.8	2 -	9 58.7	8 65.5	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 33.1	10 33.9	- -	6 14.4	5 12.6	1 -	3 19.6	3 24.6	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 13.2	4 13.5	- -	11 26.5	10 25.2	1 -	6 39.1	5 41.0	1 -
SUICIDE (E950-E959)	2 6.6	2 6.8	- -	5 12.0	5 12.6	- -	2 13.0	2 16.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5 16.5	5 16.9	- -	- -	- -	- -	- -	- -	- -
ALL OTHER CAUSES	22 72.7	22 74.5	- -	40 96.3	38 95.8	2 -	19 123.9	15 122.9	4 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CUMBERLAND			DAVIDSON			DECATUR		
	ALL RACES 52,332 NO. RATE	WHITE 33,132 NO. RATE	OTHER RACES 19,200 NO. RATE	ALL RACES 505,095 NO. RATE	WHITE 376,318 NO. RATE	OTHER RACES 128,777 NO. RATE	ALL RACES 11,462 NO. RATE	WHITE 10,932 NO. RATE	OTHER RACES 530 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	478 14.8	475 14.7	3 -	8740 17.3	5874 15.6	2861 22.2	128 11.2	125 11.4	3 5.7
ILLEGITIMATE BIRTHS	82 17.2	81 17.1	1 -	2895 33.1	1042 17.7	1852 64.7	23 18.0	22 17.6	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	32 6.7	31 6.5	1 -	748 8.8	384 6.5	364 13.4	5 3.9	5 4.0	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8 16.7	8 16.8	- -	91 10.4	45 7.7	46 16.1	1 7.8	1 8.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	6 12.6	6 12.6	- -	51 5.8	27 4.6	24 8.4	- -	- -	- -
UNDER 7 DAYS OF AGE	6 12.6	6 12.6	- -	45 5.1	24 4.1	21 7.3	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	6 0.7	3 0.5	3 1.0	- -	- -	- -
FETAL DEATHS	5 10.5	5 10.5	- -	48 5.5	30 5.1	18 6.3	- -	- -	- -
INDUCED ABORTIONS	75 156.9	75 157.6	- -	2030 232.3	1291 215.9	739 266.6	21 164.1	20 160.0	1 -
TOTAL DEATHS	319 9.9	319 9.9	- -	4554 9.0	3465 9.2	1089 8.5	136 11.9	128 11.7	8 15.1
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	19 3.8	11 2.9	8 6.2	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	82 253.6	82 253.6	- -	1071 212.0	813 216.0	258 200.3	32 279.2	30 274.4	2 -
DIABETES MELLITUS (250)	3 9.3	3 9.3	- -	101 20.0	56 14.9	45 34.9	3 26.2	3 27.4	- -
DISEASES OF HEART (390-398,402,404-429)	94 290.7	94 290.7	- -	1533 303.5	1202 319.4	331 257.0	41 357.7	39 356.8	2 -
CEREBROVASCULAR DISEASE (430-438)	32 99.0	32 99.0	- -	329 65.1	257 68.3	72 55.9	11 96.0	8 73.2	3 -
ATHEROSCLEROSIS (440)	6 18.6	6 18.6	- -	23 4.6	21 5.6	2 1.6	1 8.7	1 9.1	- -
PNEUMONIA AND INFLUENZA (480-487)	8 24.7	8 24.7	- -	163 32.3	132 35.1	31 24.1	10 87.2	10 91.5	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17 52.6	17 52.6	- -	181 35.8	144 38.3	37 28.7	3 26.2	3 27.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 21.7	7 21.7	- -	47 9.3	31 8.2	16 12.4	1 8.7	1 9.1	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 15.5	5 15.5	- -	40 7.9	26 6.9	14 10.9	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	3 9.3	3 9.3	- -	22 4.4	14 3.7	8 6.2	1 8.7	1 9.1	- -
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 9.3	3 9.3	- -	44 8.7	21 5.6	23 17.9	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6 18.6	6 18.6	- -	33 6.5	22 5.8	11 8.5	2 17.4	2 18.3	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14 43.3	14 43.3	- -	213 42.2	166 44.1	47 36.5	12 104.7	12 109.8	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 18.6	6 18.6	- -	100 19.8	78 20.7	22 17.1	6 52.3	6 54.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 24.7	8 24.7	- -	113 22.4	88 23.4	25 19.4	6 52.3	6 54.9	- -
SUICIDE (E950-E959)	9 27.8	9 27.8	- -	65 12.9	57 15.1	8 6.2	4 34.9	4 36.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	72 14.3	37 9.8	35 27.2	1 8.7	1 9.1	- -
ALL OTHER CAUSES	30 92.8	30 92.8	- -	598 118.4	455 120.9	143 111.0	14 122.1	13 118.9	1 -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	DEKALB			DICKSON			DYER		
	ALL RACES 14,711 NO. RATE	WHITE 14,376 NO. RATE	OTHER RACES 335 NO. RATE	ALL RACES 34,299 NO. RATE	WHITE 32,353 NO. RATE	OTHER RACES 1,946 NO. RATE	ALL RACES 37,103 NO. RATE	WHITE 32,480 NO. RATE	OTHER RACES 4,623 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	209 14.2	207 14.4	2 6.0	554 16.2	505 15.6	49 25.2	539 14.5	439 13.5	99 21.4
ILLEGITIMATE BIRTHS	36 17.2	36 17.4	- -	121 21.8	89 17.6	32 65.3	156 28.9	93 21.2	63 63.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	12 5.7	12 5.8	- -	53 9.6	49 9.7	4 8.2	44 8.2	32 7.3	12 12.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 9.6	2 9.7	- -	7 12.6	7 13.9	- -	7 13.0	4 9.1	3 30.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 9.6	2 9.7	- -	3 5.4	3 5.9	- -	3 5.6	2 4.6	1 10.1
UNDER 7 DAYS OF AGE	2 9.6	2 9.7	- -	1 1.8	1 2.0	- -	2 3.7	1 2.3	1 10.1
7-27 DAYS OF AGE	- -	- -	- -	2 3.6	2 4.0	- -	1 1.9	1 2.3	- -
FETAL DEATHS	1 4.8	1 4.8	- -	3 5.4	3 5.9	- -	1 1.9	- -	1 10.1
INDUCED ABORTIONS	14 67.0	14 57.6	- -	52 93.9	50 97.7	2 47.6	102 189.2	87 195.5	15 161.3
TOTAL DEATHS	183 12.4	178 12.4	5 14.9	345 10.1	330 10.2	14 7.2	408 11.0	357 11.0	51 11.0
CAUSE OF DEATH									
SEPTICEMIA (038)	1 6.8	1 7.0	- -	2 5.8	2 6.2	- -	1 2.7	- -	1 -
MALIGNANT NEOPLASMS (140-208)	33 224.3	32 222.6	1 -	74 215.7	71 219.5	3 -	86 231.8	77 237.1	9 -
DIABETES MELLITUS (250)	3 20.4	3 20.9	- -	8 23.3	8 24.7	- -	6 16.2	6 18.5	- -
DISEASES OF HEART (390-398,402,404-429)	75 509.8	72 500.8	3 -	120 349.9	115 355.5	5 -	134 361.2	118 363.3	16 -
CEREBROVASCULAR DISEASE (430-438)	10 68.0	10 69.6	- -	31 90.4	29 89.6	2 -	25 67.4	21 64.7	4 -
ATHEROSCLEROSIS (440)	- -	- -	- -	3 8.7	3 9.3	- -	2 5.4	2 6.2	- -
PNEUMONIA AND INFLUENZA (480-487)	7 47.6	7 48.7	- -	9 26.2	9 27.8	- -	15 40.4	15 46.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9 61.2	9 62.6	- -	12 35.0	11 34.0	1 -	15 40.4	13 40.0	2 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	2 5.8	2 6.2	- -	3 8.1	2 6.2	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 6.8	- -	1 -	2 5.8	2 6.2	- -	7 18.9	6 18.5	1 -
CONGENITAL ANOMALIES (740-759)	2 13.6	2 13.9	- -	4 11.7	4 12.4	- -	4 10.8	4 12.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	3 8.1	2 6.2	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 6.8	1 7.0	- -	8 23.3	8 24.7	- -	23 62.0	14 43.1	9 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	15 102.0	15 104.3	- -	14 40.8	11 34.0	3 -	25 67.4	24 73.9	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	8 54.4	8 55.6	- -	6 17.5	6 18.5	- -	14 37.7	14 43.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 47.6	7 48.7	- -	8 23.3	5 15.5	3 -	11 29.6	10 30.8	1 -
SUICIDE (E950-E959)	- -	- -	- -	8 23.3	7 21.6	- -	3 8.1	3 9.2	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 13.6	2 13.9	- -	3 8.7	3 9.3	- -	1 2.7	- -	1 -
ALL OTHER CAUSES	24 163.1	24 166.9	- -	45 131.2	45 139.1	- -	55 148.2	50 153.9	5 -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	FAYETTE			FENTRESS			FRANKLIN		
ESTIMATED POPULATION	ALL RACES 28,096 NO. RATE	WHITE 14,487 NO. RATE	OTHER RACES 13,609 NO. RATE	ALL RACES 15,941 NO. RATE	WHITE 15,941 NO. RATE	OTHER RACES 0 NO. RATE	ALL RACES 34,368 NO. RATE	WHITE 31,736 NO. RATE	OTHER RACES 2,632 NO. RATE
LIVE BIRTHS	396 14.1	175 12.1	221 16.2	193 12.1	192 12.0	1 -	427 12.4	399 12.6	27 10.3
ILLEGITIMATE BIRTHS	166 41.9	24 13.7	142 64.3	34 17.6	34 17.7	- -	72 16.9	63 15.8	9 33.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	36 9.1	14 8.0	22 10.0	8 4.1	8 4.2	- -	24 5.6	21 5.3	3 11.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	6 15.2	2 11.4	4 18.1	3 15.5	3 15.6	- -	4 9.4	4 10.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 10.1	2 11.4	2 9.0	3 15.5	3 15.6	- -	4 9.4	4 10.0	- -
UNDER 7 DAYS OF AGE	3 7.6	1 5.7	2 9.0	3 15.5	3 15.6	- -	2 4.7	2 5.0	- -
7-27 DAYS OF AGE	1 2.5	1 5.7	- -	- -	- -	- -	2 4.7	2 5.0	- -
FETAL DEATHS	3 7.6	1 5.7	2 9.0	1 5.2	1 5.2	- -	2 4.7	1 2.5	1 37.0
INDUCED ABORTIONS	80 202.0	28 158.2	52 237.4	13 67.4	12 62.5	1 -	69 161.6	59 146.4	10 434.8
TOTAL DEATHS	250 8.9	127 8.8	123 9.0	156 9.8	156 9.8	- -	356 10.4	334 10.5	22 8.4
CAUSE OF DEATH									
SEPTICEMIA (038)	2 7.1	- -	2 14.7	- -	- -	- -	2 5.8	2 6.3	- -
MALIGNANT NEOPLASMS (140-208)	50 178.0	31 214.0	19 139.6	29 181.9	29 181.9	- -	81 235.7	76 239.5	5 -
DIABETES MELLITUS (250)	- -	- -	- -	2 12.5	2 12.5	- -	5 14.5	4 12.6	1 -
DISEASES OF HEART (390-398,402,404-429)	79 281.2	40 276.1	39 286.6	57 357.6	57 357.6	- -	117 340.4	110 346.6	7 -
CEREBROVASCULAR DISEASE (430-438)	24 92.5	15 103.5	11 80.8	13 81.6	13 81.6	- -	26 75.7	22 69.3	4 -
ATHEROSCLEROSIS (440)	1 3.6	1 6.9	- -	6 37.6	6 37.6	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	14 49.8	5 34.5	9 66.1	6 37.6	6 37.6	- -	13 37.8	13 41.0	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 17.8	2 13.8	3 22.0	7 43.9	7 43.9	- -	14 40.7	14 44.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 3.6	1 6.9	- -	2 12.5	2 12.5	- -	6 17.5	6 18.9	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 10.7	3 20.7	- -	2 12.5	2 12.5	- -	5 14.5	4 12.6	1 -
CONGENITAL ANOMALIES (740-759)	2 7.1	2 13.8	- -	1 6.3	1 6.3	- -	1 2.9	1 3.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 7.1	- -	2 14.7	2 12.5	2 12.5	- -	3 8.7	3 9.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	23 81.9	7 48.3	16 117.6	1 6.3	1 6.3	- -	5 14.5	5 15.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	16 56.9	7 48.3	9 66.1	8 50.2	8 50.2	- -	17 49.5	15 47.3	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	11 39.2	6 41.4	5 36.7	2 12.5	2 12.5	- -	7 20.4	7 22.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 17.8	1 6.9	4 29.4	6 37.6	6 37.6	- -	10 29.1	8 25.2	2 -
SUICIDE (E950-E959)	3 10.7	2 13.8	1 7.3	3 18.8	3 18.8	- -	6 17.5	6 18.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 7.1	1 6.9	1 7.3	- -	- -	- -	2 5.8	2 6.3	- -
ALL OTHER CAUSES	21 74.7	10 69.0	11 80.8	17 106.6	17 106.6	- -	53 154.2	51 160.7	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	GIBSON			GILES			GRAINGER		
	ALL RACES 50,442 NO. RATE	WHITE 39,967 NO. RATE	OTHER RACES 10,475 NO. RATE	ALL RACES 26,385 NO. RATE	WHITE 22,669 NO. RATE	OTHER RACES 3,716 NO. RATE	ALL RACES 18,059 NO. RATE	WHITE 17,918 NO. RATE	OTHER RACES 141 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	628 12.4	409 10.2	219 20.9	336 12.7	267 11.8	69 18.6	230 12.7	229 12.8	1 7.1
ILLEGITIMATE BIRTHS	219 34.9	55 13.4	164 74.9	84 25.0	38 14.2	46 66.7	38 16.5	37 16.2	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	59 9.4	32 7.8	27 12.3	32 9.5	20 7.5	12 17.4	13 5.7	13 5.7	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9 14.3	5 12.2	4 18.3	7 20.8	5 18.7	2 29.0	4 17.4	4 17.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 8.0	2 4.9	3 13.7	4 11.9	2 7.5	2 29.0	2 8.7	2 8.7	- -
UNDER 7 DAYS OF AGE	5 8.0	2 4.9	3 13.7	4 11.9	2 7.5	2 29.0	2 8.7	2 8.7	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	3 4.8	2 4.9	1 4.6	2 6.0	2 7.5	- -	4 17.4	4 17.5	- -
INDUCED ABORTIONS	90 143.3	65 158.5	25 114.7	41 122.0	32 119.4	9 132.4	27 117.4	23 100.4	4 -
TOTAL DEATHS	597 11.8	474 11.9	123 11.7	296 11.2	238 10.5	58 15.6	183 10.1	182 10.2	1 7.1
CAUSE OF DEATH									
SEPTICEMIA (038)	3 5.9	3 7.5	- -	1 3.8	1 4.4	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	99 196.3	76 190.2	23 219.6	49 185.7	37 163.2	12 -	37 204.9	37 206.5	- -
DIABETES MELLITUS (250)	11 21.8	8 20.0	3 28.6	5 19.0	4 17.6	1 -	1 5.5	1 5.6	- -
DISEASES OF HEART (390-398,402,404-429)	224 444.1	187 467.9	37 353.2	91 344.9	79 348.5	12 -	51 282.4	50 279.0	1 -
CEREBROVASCULAR DISEASE (430-438)	66 130.8	48 120.1	18 171.8	20 75.8	16 70.6	4 -	19 105.2	19 106.0	- -
ATHEROSCLEROSIS (440)	7 13.9	5 12.5	2 19.1	1 3.8	1 4.4	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	18 35.7	14 35.0	4 38.2	13 49.3	12 52.9	1 -	1 5.5	1 5.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	27 53.5	25 62.6	2 19.1	15 56.9	12 52.9	3 -	7 38.8	7 39.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 7.9	4 10.0	- -	5 19.0	5 22.1	- -	2 11.1	2 11.2	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7 13.9	3 7.5	4 38.2	5 19.0	4 17.6	1 -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	4 7.9	3 7.5	1 9.5	2 7.6	2 8.8	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4 7.9	1 2.5	3 28.6	4 15.2	2 8.8	2 -	3 16.6	3 16.7	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6 11.9	5 12.5	1 9.5	3 11.4	3 13.2	- -	18 99.7	18 100.5	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	28 55.5	24 60.0	4 38.2	32 121.3	22 97.0	10 -	8 44.3	8 44.6	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	18 35.7	16 40.0	2 19.1	14 53.1	10 44.1	4 -	4 22.1	4 22.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10 19.8	8 20.0	2 19.1	18 68.2	12 52.9	6 -	4 22.1	4 22.3	- -
SUICIDE (E950-E959)	4 7.9	4 10.0	- -	5 19.0	5 22.1	- -	7 38.8	7 39.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 5.9	1 2.5	2 19.1	3 11.4	1 4.4	2 -	2 11.1	2 11.2	- -
ALL OTHER CAUSES	82 162.6	63 157.6	19 181.4	42 159.2	32 141.2	10 -	27 149.5	27 150.7	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	GREENE			GRUNDY			HAMBLEN		
ESTIMATED POPULATION	ALL RACES 57,699 NO. RATE	WHITE 55,690 NO. RATE	OTHER RACES 2,009 NO. RATE	ALL RACES 15,540 NO. RATE	WHITE 15,540 NO. RATE	OTHER RACES 0 NO. RATE	ALL RACES 54,409 NO. RATE	WHITE 51,554 NO. RATE	OTHER RACES 2,855 NO. RATE
LIVE BIRTHS	681 11.8	652 11.7	29 14.4	190 12.2	190 12.2	- -	690 12.7	627 12.2	63 22.1
ILLEGITIMATE BIRTHS	142 20.9	123 18.9	19 65.5	48 25.3	48 25.3	- -	156 22.6	126 20.1	30 47.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	49 7.2	47 7.2	2 6.9	15 7.9	15 7.9	- -	66 9.6	51 8.1	15 23.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8 11.7	7 10.7	1 34.5	- -	- -	- -	9 13.0	6 9.6	3 47.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 7.3	5 7.7	- -	- -	- -	- -	8 11.6	6 9.6	2 31.7
UNDER 7 DAYS OF AGE	4 5.9	4 6.1	- -	- -	- -	- -	7 10.1	6 9.6	1 15.9
7-27 DAYS OF AGE	1 1.5	1 1.5	- -	- -	- -	- -	1 1.4	- -	1 15.9
FETAL DEATHS	4 5.9	4 6.1	- -	4 21.1	4 21.1	- -	4 5.8	4 6.4	- -
INDUCED ABORTIONS	133 195.3	128 194.8	4 166.7	14 73.7	14 73.7	- -	160 231.9	151 235.9	9 180.0
TOTAL DEATHS	559 9.7	549 9.9	10 5.0	148 9.5	147 9.5	1 -	470 8.6	437 8.5	33 11.6
CAUSE OF DEATH									
SEPTICEMIA (038)	4 6.9	4 7.2	- -	2 12.9	2 12.9	- -	1 1.8	1 1.9	- -
MALIGNANT NEOPLASMS (140-208)	122 211.4	117 210.1	5 -	32 205.9	32 205.9	- -	96 176.4	88 170.7	8 -
DIABETES MELLITUS (250)	10 17.3	10 18.0	- -	1 6.4	1 6.4	- -	6 11.0	4 7.8	2 -
DISEASES OF HEART (390-398, 402, 404-429)	197 341.4	196 351.9	1 -	41 263.8	41 263.8	- -	163 299.6	153 296.8	10 -
CEREBROVASCULAR DISEASE (430-438)	42 72.8	41 73.6	1 -	7 45.0	7 45.0	- -	64 117.6	61 118.3	3 -
ATHEROSCLEROSIS (440)	6 10.4	6 10.8	- -	- -	- -	- -	4 7.4	3 5.8	1 -
PNEUMONIA AND INFLUENZA (480-487)	24 41.6	23 41.3	1 -	7 45.0	6 38.6	1 -	16 29.4	14 27.2	2 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	21 36.4	21 37.7	- -	9 57.9	9 57.9	- -	18 33.1	18 34.9	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8 13.9	8 14.4	- -	2 12.9	2 12.9	- -	4 7.4	4 7.8	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 8.7	5 9.0	- -	2 12.9	2 12.9	- -	2 3.7	2 3.9	- -
CONGENITAL ANOMALIES (740-759)	5 8.7	5 9.0	- -	- -	- -	- -	1 1.8	1 1.9	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 5.2	3 5.4	- -	- -	- -	- -	6 11.0	4 7.8	2 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 3.5	2 3.6	- -	12 77.2	12 77.2	- -	5 9.2	4 7.8	1 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	33 57.2	32 57.5	1 -	7 45.0	7 45.0	- -	27 49.6	26 50.4	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	21 36.4	20 35.9	1 -	5 32.2	5 32.2	- -	16 29.4	15 29.1	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12 20.8	12 21.5	- -	2 12.9	2 12.9	- -	11 20.2	11 21.3	- -
SUICIDE (E950-E959)	12 20.8	12 21.5	- -	4 25.7	4 25.7	- -	9 16.5	9 17.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	5 8.7	4 7.2	1 -	2 12.9	2 12.9	- -	3 5.5	3 5.8	- -
ALL OTHER CAUSES	60 104.0	60 107.7	- -	20 128.7	20 128.7	- -	45 82.7	42 81.5	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HAMILTON			HANCOCK			HARDEMAN		
	ALL RACES 310,224 NO. RATE	WHITE 242,596 NO. RATE	OTHER RACES 67,628 NO. RATE	ALL RACES 7,077 NO. RATE	WHITE 7,052 NO. RATE	OTHER RACES 25 NO. RATE	ALL RACES 25,680 NO. RATE	WHITE 15,599 NO. RATE	OTHER RACES 10,081 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	4461 14.4	3083 12.7	1377 20.4	71 10.0	70 9.9	1 40.0	376 14.6	174 11.2	202 20.0
ILLEGITIMATE BIRTHS	1521 34.1	515 16.7	1006 73.1	13 18.3	13 18.6	- -	188 50.0	35 20.1	153 75.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	407 9.1	195 6.3	212 15.4	2 2.8	2 2.9	- -	40 10.6	12 6.9	28 13.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	44 9.9	24 7.8	20 14.5	1 14.1	1 14.3	- -	5 13.3	2 11.5	3 14.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	24 5.4	11 3.6	13 9.4	- -	- -	- -	2 5.3	2 11.5	- -
UNDER 7 DAYS OF AGE	19 4.3	10 3.2	9 6.5	- -	- -	- -	2 5.3	2 11.5	- -
7-27 DAYS OF AGE	5 1.1	1 0.3	4 2.9	- -	- -	- -	- -	- -	- -
FETAL DEATHS	23 5.2	15 4.9	8 5.8	1 14.1	1 14.3	- -	2 5.3	- -	2 9.9
INDUCED ABORTIONS	1299 291.2	860 274.9	435 326.6	4 56.3	4 56.3	- -	58 154.3	34 192.1	24 120.6
TOTAL DEATHS	2818 9.1	2162 8.9	655 9.7	61 8.6	61 8.7	- -	276 10.7	187 12.0	89 8.8
CAUSE OF DEATH									
SEPTICEMIA (038)	22 7.1	17 7.0	5 7.4	- -	- -	- -	1 3.9	- -	1 9.9
MALIGNANT NEOPLASMS (140-208)	599 193.1	471 194.1	128 189.3	11 155.4	11 156.0	- -	56 218.1	40 256.4	16 158.7
DIABETES MELLITUS (250)	66 21.3	38 15.7	28 41.4	1 14.1	1 14.2	- -	5 19.5	3 19.2	2 19.8
DISEASES OF HEART (390-398,402,404-429)	1047 337.5	806 332.2	241 356.4	27 381.5	27 382.9	- -	94 366.0	67 429.5	27 267.8
CEREBROVASCULAR DISEASE (430-438)	181 58.3	132 54.4	49 72.5	8 113.0	8 113.4	- -	21 81.8	11 70.5	10 99.2
ATHEROSCLEROSIS (440)	23 7.4	18 7.4	5 7.4	- -	- -	- -	3 11.7	3 19.2	- -
PNEUMONIA AND INFLUENZA (480-487)	112 36.1	92 37.9	20 29.6	- -	- -	- -	9 35.0	7 44.9	2 19.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	117 37.7	100 41.2	17 25.1	2 28.3	2 28.4	- -	10 38.9	10 64.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	32 10.3	30 12.4	2 3.0	- -	- -	- -	3 11.7	3 19.2	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	26 8.4	15 6.2	11 16.3	1 14.1	1 14.2	- -	3 11.7	2 12.8	1 9.9
CONGENITAL ANOMALIES (740-759)	14 4.5	12 4.9	2 3.0	- -	- -	- -	1 3.9	1 6.4	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	20 6.4	10 4.1	10 14.8	- -	- -	- -	1 3.9	1 6.4	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	20 6.4	11 4.5	8 11.8	1 14.1	1 14.2	- -	8 31.2	5 32.1	3 29.8
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	126 40.6	93 38.3	33 48.8	8 113.0	8 113.4	- -	23 89.6	11 70.5	12 119.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	60 19.3	47 19.4	13 19.2	2 28.3	2 28.4	- -	8 31.2	4 25.6	4 39.7
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	66 21.3	46 19.0	20 29.6	6 84.8	6 85.1	- -	15 58.4	7 44.9	8 79.4
SUICIDE (E950-E959)	45 14.5	43 17.7	2 3.0	- -	- -	- -	5 19.5	5 32.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	18 5.8	7 2.9	11 16.3	- -	- -	- -	3 11.7	2 12.8	1 9.9
ALL OTHER CAUSES	350 112.8	267 110.1	83 122.7	2 28.3	2 28.4	- -	30 116.8	16 102.6	14 138.9

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HARDIN			HAWKINS			HAYWOOD		
	ALL RACES 24,183 NO. RATE	WHITE 23,104 NO. RATE	OTHER RACES 1,079 NO. RATE	ALL RACES 48,527 NO. RATE	WHITE 47,544 NO. RATE	OTHER RACES 983 NO. RATE	ALL RACES 21,994 NO. RATE	WHITE 10,402 NO. RATE	OTHER RACES 11,592 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	300 12.4	277 12.0	23 21.3	547 11.3	534 11.2	13 13.2	274 12.5	99 9.5	175 15.1
ILLEGITIMATE BIRTHS	64 21.3	49 17.7	15 65.2	81 14.8	73 13.7	8 61.5	140 51.1	14 14.1	126 72.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 6.7	17 6.1	3 13.0	53 9.7	52 9.7	1 7.7	24 9.5	6 6.1	20 11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5 16.7	4 14.4	1 43.5	6 11.0	6 11.2	- -	6 21.9	2 20.2	4 22.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 3.3	- -	1 43.5	5 9.1	5 9.4	- -	6 21.9	2 20.2	4 22.9
UNDER 7 DAYS OF AGE	1 3.3	- -	1 43.5	4 7.3	4 7.5	- -	5 18.2	1 10.1	4 22.9
7-27 DAYS OF AGE	- -	- -	- -	1 1.8	1 1.9	- -	1 3.6	1 10.1	- -
FETAL DEATHS	2 6.7	2 7.2	- -	2 3.7	2 3.7	- -	- -	- -	- -
INDUCED ABORTIONS	29 96.7	27 97.5	2 87.0	77 140.8	76 141.5	1 100.0	81 295.6	32 320.0	49 281.6
TOTAL DEATHS	249 10.3	234 10.1	15 13.9	464 9.6	447 9.4	17 17.3	212 9.6	117 11.2	95 8.2
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.1	1 4.3	- -	2 4.1	2 4.2	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	50 206.8	44 190.4	6 -	93 191.6	89 187.2	4 -	46 209.1	32 307.6	14 120.8
DIABETES MELLITUS (250)	3 12.4	2 8.7	1 -	18 37.1	17 35.8	1 -	3 13.6	2 19.2	1 8.6
DISEASES OF HEART (390-398,402,404-429)	94 388.7	90 389.5	4 -	186 383.3	180 378.6	6 -	92 418.3	45 432.6	47 405.5
CEREBROVASCULAR DISEASE (430-438)	26 107.5	25 108.2	1 -	28 57.7	27 56.8	1 -	14 63.7	4 38.5	10 86.3
ATHEROSCLEROSIS (440)	3 12.4	3 13.0	- -	1 2.1	1 2.1	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	10 41.4	10 43.3	- -	14 28.8	14 29.4	- -	5 22.7	3 28.8	2 17.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6 24.8	6 26.0	- -	18 37.1	17 35.8	1 -	10 45.5	7 67.3	3 25.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 12.4	3 13.0	- -	8 16.5	8 16.8	- -	1 4.5	1 9.6	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 12.4	3 13.0	- -	4 8.2	3 6.3	1 -	1 4.5	- -	1 8.6
CONGENITAL ANOMALIES (740-759)	3 12.4	2 8.7	1 -	1 2.1	1 2.1	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 4.1	1 4.3	- -	4 8.2	4 8.4	- -	6 27.3	2 19.2	4 34.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 8.3	2 8.7	- -	1 2.1	1 2.1	- -	1 4.5	1 9.6	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17 70.3	16 69.3	1 -	33 68.0	32 67.3	1 -	11 50.0	5 48.1	6 51.8
MOTOR VEHICLE ACCIDENTS (E810-E825)	11 45.5	11 47.4	- -	16 33.0	16 33.7	- -	7 31.8	4 38.5	3 25.9
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 24.8	5 21.6	1 -	17 35.0	16 33.7	1 -	4 18.2	1 9.6	3 25.9
SUICIDE (E950-E959)	2 8.3	2 8.7	- -	5 10.3	5 10.5	- -	3 13.6	2 19.2	1 8.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	3 6.2	3 6.3	- -	1 4.5	1 9.6	- -
ALL OTHER CAUSES	25 103.4	24 103.9	1 -	45 92.7	43 90.4	2 -	18 81.8	12 115.4	6 51.8

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HENDERSON			HENRY			HICKMAN		
	ALL RACES 23,469 NO. RATE	WHITE 21,388 NO. RATE	OTHER RACES 2,081 NO. RATE	ALL RACES 30,742 NO. RATE	WHITE 27,292 NO. RATE	OTHER RACES 3,450 NO. RATE	ALL RACES 16,505 NO. RATE	WHITE 15,546 NO. RATE	OTHER RACES 959 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	295 12.6	265 12.4	30 14.4	337 11.0	296 10.8	41 11.9	213 12.9	211 13.6	2 2.1
ILLEGITIMATE BIRTHS	54 18.3	39 14.7	15 50.0	97 28.8	67 22.6	30 73.2	37 17.4	36 17.1	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17 5.8	16 6.0	1 3.3	30 8.9	25 8.4	5 12.2	16 7.5	16 7.6	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 6.8	2 7.5	- -	5 14.8	4 13.5	1 24.4	2 9.4	2 9.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 6.8	2 7.5	- -	2 5.9	2 6.8	- -	1 4.7	1 4.7	- -
UNDER 7 DAYS OF AGE	2 6.8	2 7.5	- -	2 5.9	2 6.8	- -	1 4.7	1 4.7	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 9.4	2 9.5	- -
FETAL DEATHS	4 13.6	4 15.1	- -	2 5.9	- -	2 48.8	17 79.8	17 80.6	- -
INDUCED ABORTIONS	41 139.0	28 102.9	13 565.2	64 189.9	46 153.8	18 473.7	170 10.3	164 10.5	6 6.3
TOTAL DEATHS	222 9.5	202 9.4	20 9.6	377 12.3	337 12.3	40 11.6			
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.3	1 4.7	- -	1 3.3	1 3.7	- -	3 18.2	3 19.3	- -
MALIGNANT NEOPLASMS (140-208)	54 230.1	49 229.1	5 -	83 270.0	73 267.5	10 -	36 218.1	35 225.1	1 -
DIABETES MELLITUS (250)	5 21.3	3 14.0	2 -	14 45.5	13 47.6	1 -	1 6.1	1 6.4	- -
DISEASES OF HEART (390-398, 402, 404-429)	63 268.4	63 294.6	- -	153 497.7	135 494.7	18 -	66 399.9	63 405.2	3 -
CEREBROVASCULAR DISEASE (430-438)	40 170.4	33 154.3	7 -	33 107.3	31 113.6	2 -	14 84.8	13 83.6	1 -
ATHEROSCLEROSIS (440)	8 34.1	8 37.4	- -	2 6.5	2 7.3	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	2 8.5	2 9.4	- -	8 26.0	8 29.3	- -	3 18.2	3 19.3	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8 34.1	7 32.7	1 -	10 32.5	9 33.0	1 -	5 30.3	5 32.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 8.5	2 9.4	- -	3 9.8	2 7.3	1 -	2 12.1	2 12.9	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 17.0	3 14.0	1 -	3 9.8	3 11.0	- -	1 6.1	1 6.4	- -
CONGENITAL ANOMALIES (740-759)	3 12.8	3 14.0	- -	1 3.3	1 3.7	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	2 6.5	2 7.3	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 4.3	1 4.7	- -	1 3.3	1 3.7	- -	4 24.2	4 25.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11 46.9	10 46.8	1 -	13 42.3	13 47.6	- -	12 72.7	12 77.2	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 29.8	6 28.1	1 -	7 22.8	7 25.6	- -	7 42.4	7 45.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 17.0	4 18.7	- -	6 19.5	6 22.0	- -	5 30.3	5 32.2	- -
SUICIDE (E950-E959)	1 4.3	1 4.7	- -	7 22.8	5 18.3	2 -	3 18.2	3 19.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 4.3	1 4.7	- -	3 9.8	1 3.7	2 -	- -	- -	- -
ALL OTHER CAUSES	18 76.7	15 70.1	3 -	40 130.1	37 135.6	3 -	20 121.2	19 122.2	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HOUSTON			HUMPHREYS			JACKSON		
	ALL RACES 7,328 NO. RATE	WHITE 6,992 NO. RATE	OTHER RACES 336 NO. RATE	ALL RACES 17,203 NO. RATE	WHITE 16,430 NO. RATE	OTHER RACES 773 NO. RATE	ALL RACES 9,813 NO. RATE	WHITE 9,813 NO. RATE	OTHER RACES 0 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	78 10.6	72 10.3	6 17.9	197 11.5	189 11.5	8 10.3	117 11.9	115 11.7	2 -
ILLEGITIMATE BIRTHS	14 17.9	11 15.3	3 -	27 13.7	23 12.2	4 -	20 17.1	19 16.5	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	5 6.4	4 5.6	1 -	15 7.6	14 7.4	1 -	8 6.8	7 6.1	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	1 5.1	1 5.3	- -	1 8.5	- -	1 -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	1 8.5	- -	1 -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 8.5	- -	1 -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 8.5	- -	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	1 8.5	1 8.7	- -
INDUCED ABORTIONS	7 89.7	6 83.3	1 -	20 101.5	17 89.0	3 -	11 94.0	11 94.8	- -
TOTAL DEATHS	99 13.5	92 13.2	7 20.8	156 9.1	149 9.1	7 9.1	115 11.7	113 11.5	2 -
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	23 313.9	22 314.6	1 -	40 232.5	39 237.4	1 -	25 254.8	25 254.8	- -
DIABETES MELLITUS (250)	2 27.3	1 14.3	1 -	5 29.1	4 24.3	1 -	1 10.2	1 10.2	- -
DISEASES OF HEART (390-398, 402, 404-429)	34 464.0	31 443.4	3 -	61 354.6	58 353.0	3 -	42 428.0	42 428.0	- -
CEREBROVASCULAR DISEASE (430-438)	8 109.2	7 100.1	1 -	9 52.3	9 54.8	- -	8 81.5	8 81.5	- -
ATHEROSCLEROSIS (440)	2 27.3	2 28.6	- -	1 5.8	1 6.1	- -	3 30.6	3 30.6	- -
PNEUMONIA AND INFLUENZA (480-487)	8 109.2	8 114.4	- -	3 17.4	3 18.3	- -	2 20.4	2 20.4	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4 54.6	4 57.2	- -	4 23.3	3 18.3	1 -	8 81.5	7 71.3	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	3 17.4	3 18.3	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 27.3	2 28.6	- -	1 5.8	1 6.1	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	1 10.2	- -	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 13.6	1 14.3	- -	2 11.6	2 12.2	- -	1 10.2	1 10.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5 68.2	4 57.2	1 -	10 58.1	9 54.8	1 -	5 51.0	5 51.0	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	- -	- -	- -	6 34.9	5 30.4	1 -	1 10.2	1 10.2	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 68.2	4 57.2	1 -	4 23.3	4 24.3	- -	4 40.8	4 40.8	- -
SUICIDE (E950-E959)	2 27.3	2 28.6	- -	1 5.8	1 6.1	- -	4 40.8	4 40.8	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 27.3	2 28.6	- -	- -	- -	- -	1 10.2	1 10.2	- -
ALL OTHER CAUSES	6 81.9	6 85.8	- -	16 93.0	16 97.4	- -	14 142.7	14 142.7	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	JEFFERSON			JOHNSON			KNOX		
	ALL RACES 33,872 NO. RATE	WHITE 32,767 NO. RATE	OTHER RACES 1,105 NO. RATE	ALL RACES 14,729 NO. RATE	WHITE 14,604 NO. RATE	OTHER RACES 125 NO. RATE	ALL RACES 340,396 NO. RATE	WHITE 304,154 NO. RATE	OTHER RACES 36,242 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	354 10.5	342 10.4	12 10.9	153 10.4	152 10.4	1 8.0	4520 13.3	3860 12.7	659 18.2
ILLEGITIMATE BIRTHS	60 16.9	55 16.1	5 41.7	30 19.6	29 19.1	1 -	1042 23.1	625 16.2	416 63.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35 9.9	34 9.9	1 8.3	14 9.2	14 9.2	- -	346 7.7	265 6.9	81 12.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 11.3	4 11.7	- -	- -	- -	- -	37 8.2	27 7.0	10 15.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 11.3	4 11.7	- -	- -	- -	- -	21 4.6	16 4.1	5 7.6
UNDER 7 DAYS OF AGE	3 8.5	3 8.8	- -	- -	- -	- -	20 4.4	16 4.1	4 6.1
7-27 DAYS OF AGE	1 2.8	1 2.9	- -	- -	- -	- -	1 0.2	- -	1 1.5
FETAL DEATHS	4 11.3	4 11.7	- -	1 6.5	1 6.6	- -	25 5.5	23 6.0	1 1.5
INDUCED ABORTIONS	96 271.2	92 267.4	4 400.0	16 104.6	16 105.3	- -	1696 375.2	1414 362.6	278 449.1
TOTAL DEATHS	299 8.8	285 8.7	14 12.7	162 11.0	158 10.8	4 32.0	2955 8.7	2648 8.7	307 8.5
CAUSE OF DEATH									
SEPTICEMIA (038)	3 8.9	2 6.1	1 -	- -	- -	- -	14 4.1	11 3.6	3 8.3
MALIGNANT NEOPLASMS (140-208)	48 141.7	44 134.3	4 -	30 203.7	30 205.4	- -	703 206.5	642 211.1	61 168.3
DIABETES MELLITUS (250)	12 35.4	12 36.6	- -	- -	- -	- -	54 15.9	49 16.1	5 13.8
DISEASES OF HEART (390-398,402,404-429)	119 351.3	115 351.0	4 -	52 353.0	50 342.4	2 -	844 247.9	761 250.2	83 229.0
CEREBROVASCULAR DISEASE (430-438)	32 94.5	32 97.7	- -	12 81.5	12 82.2	- -	180 52.9	166 54.6	14 38.6
ATHEROSCLEROSIS (440)	3 8.9	2 6.1	1 -	- -	- -	- -	61 17.9	56 18.4	5 13.8
PNEUMONIA AND INFLUENZA (480-487)	6 17.7	6 18.3	- -	10 67.9	10 68.5	- -	87 25.6	80 26.3	7 19.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12 35.4	12 36.6	- -	15 101.8	15 102.7	- -	105 30.8	100 32.9	5 13.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 11.8	4 12.2	- -	3 20.4	3 20.5	- -	34 10.0	32 10.5	2 5.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 3.0	1 3.1	- -	- -	- -	- -	17 5.0	13 4.3	4 11.0
CONGENITAL ANOMALIES (740-759)	2 5.9	2 6.1	- -	- -	- -	- -	14 4.1	9 3.0	5 13.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.0	1 3.1	- -	- -	- -	- -	15 4.4	11 3.6	4 11.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5 14.8	5 15.3	- -	- -	- -	- -	259 76.1	216 71.0	43 118.6
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18 53.1	17 51.9	1 -	6 40.7	5 34.2	1 -	91 26.7	85 27.9	6 16.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 29.5	10 30.5	- -	1 6.8	1 6.8	- -	51 15.0	50 16.4	1 2.8
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 23.6	7 21.4	1 -	5 33.9	4 27.4	1 -	40 11.8	35 11.5	5 13.8
SUICIDE (E950-E959)	3 8.9	3 9.2	- -	3 20.4	3 20.5	- -	47 13.8	42 13.8	5 13.8
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 3.0	1 3.1	- -	1 6.8	1 6.8	- -	32 9.4	21 6.9	11 30.4
ALL OTHER CAUSES	29 85.6	26 79.3	3 -	30 203.7	29 198.6	1 -	398 116.9	354 116.4	44 121.4

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

ESTIMATED POPULATION	LAKE			LAUDERDALE			LAURENCE		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	7,472 NO. RATE	5,941 NO. RATE	1,531 NO. RATE	27,774 NO. RATE	18,546 NO. RATE	9,228 NO. RATE	36,721 NO. RATE	36,071 NO. RATE	650 NO. RATE
LIVE BIRTHS	91 12.2	61 10.3	30 19.6	401 14.4	224 12.1	177 19.2	505 13.8	499 13.8	6 9.2
ILLEGITIMATE BIRTHS	36 39.6	11 18.0	25 83.3	153 58.2	34 15.2	119 67.2	65 12.9	62 12.4	3 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	15 16.5	8 13.1	7 23.3	33 8.2	9 4.0	24 13.6	35 6.9	35 7.0	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 11.0	1 16.4	- -	9 22.4	3 13.4	6 33.9	5 9.9	5 10.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	6 15.0	1 4.5	5 28.2	2 4.0	2 4.0	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	2 5.0	- -	2 11.3	2 4.0	2 4.0	- -
7-27 DAYS OF AGE	- -	- -	- -	4 10.0	1 4.5	3 16.9	- -	- -	- -
FETAL DEATHS	1 11.0	1 16.4	- -	5 12.5	4 17.9	1 5.6	2 4.0	2 4.0	- -
INDUCED ABORTIONS	4 44.0	3 49.2	1 33.3	72 179.6	38 168.1	34 194.3	39 77.2	36 71.9	2 -
TOTAL DEATHS	87 11.6	72 12.1	15 9.8	292 10.5	200 10.8	92 10.0	358 9.7	355 9.8	3 4.6
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	2 7.2	2 10.8	- -	1 2.7	1 2.8	- -
MALIGNANT NEOPLASMS (140-208)	23 307.8	22 370.3	1 -	71 255.6	50 269.6	21 227.6	73 198.8	73 202.4	- -
DIABETES MELLITUS (250)	4 53.5	3 50.5	1 -	7 25.2	1 5.4	6 65.0	4 10.9	4 11.1	- -
DISEASES OF HEART (390-398, 402, 404-429)	23 307.8	21 353.5	2 -	98 352.8	71 382.8	27 292.6	147 400.3	145 402.0	2 -
CEREBROVASCULAR DISEASE (430-438)	6 80.3	4 67.3	2 -	15 54.0	11 59.3	4 43.3	22 59.9	22 61.0	- -
ATHEROSCLEROSIS (440)	2 26.8	1 16.8	1 -	1 3.6	1 5.4	- -	1 2.7	1 2.8	- -
PNEUMONIA AND INFLUENZA (480-487)	6 80.3	5 84.2	1 -	9 32.4	5 27.0	4 43.3	8 21.8	8 22.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 66.9	5 84.2	- -	13 46.8	10 53.9	3 32.5	15 40.8	15 41.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	2 7.2	2 10.8	- -	3 8.2	3 8.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 13.4	- -	1 -	1 3.6	- -	1 10.8	4 10.9	4 11.1	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	2 7.2	- -	2 21.7	2 5.4	2 5.5	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	6 21.6	2 10.8	4 43.3	2 5.4	2 5.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 40.1	2 33.7	1 -	3 10.8	1 5.4	2 21.7	1 2.7	1 2.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4 53.5	1 16.8	3 -	31 111.6	23 124.0	8 86.7	29 79.0	29 80.4	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 13.4	1 16.8	- -	21 75.6	16 86.3	5 54.2	13 35.4	13 36.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 40.1	- -	3 -	10 36.0	7 37.7	3 32.5	16 43.6	16 44.4	- -
SUICIDE (E950-E959)	2 26.8	2 33.7	- -	2 7.2	2 10.8	- -	3 8.2	3 8.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	3 10.8	2 10.8	1 10.8	2 5.4	2 5.5	- -
ALL OTHER CAUSES	8 107.1	6 101.0	2 -	26 93.6	17 91.7	9 97.5	41 111.7	40 110.9	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	LEWIS			LINCOLN			LOUDON		
	ALL RACES 11,761 NO. RATE	WHITE 11,530 NO. RATE	OTHER RACES 231 NO. RATE	ALL RACES 27,572 NO. RATE	WHITE 24,646 NO. RATE	OTHER RACES 2,926 NO. RATE	ALL RACES 30,316 NO. RATE	WHITE 29,799 NO. RATE	OTHER RACES 517 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	121 10.3	121 10.5	- -	403 14.6	342 13.9	61 20.8	382 12.6	369 12.4	13 25.1
ILLEGITIMATE BIRTHS	27 22.3	27 22.3	- -	101 25.1	56 16.4	45 73.8	56 14.7	53 14.4	3 23.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	3 2.5	3 2.5	- -	34 8.4	24 7.6	8 13.1	25 6.5	23 6.2	2 15.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	3 7.4	3 8.8	- -	9 23.6	8 21.7	1 76.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	3 7.4	3 8.8	- -	6 15.7	5 13.6	1 76.9
UNDER 7 DAYS OF AGE	- -	- -	- -	3 7.4	3 8.8	- -	6 15.7	5 13.6	1 76.9
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	2 16.5	2 16.5	- -	3 7.4	3 8.8	- -	2 5.2	2 5.4	- -
INDUCED ABORTIONS	5 41.3	4 33.1	1 -	46 114.1	38 109.8	8 140.4	83 217.3	77 207.5	6 545.5
TOTAL DEATHS	82 7.0	78 6.8	4 17.3	309 11.2	269 10.9	40 13.7	303 10.0	295 9.9	8 15.5
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	4 14.5	3 12.2	1 -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	26 221.1	26 225.5	- -	53 192.2	44 178.5	9 -	72 237.5	71 238.3	1 -
DIABETES MELLITUS (250)	- -	- -	- -	4 14.5	3 12.2	1 -	6 19.8	6 20.1	- -
DISEASES OF HEART (390-398,402,404-429)	27 229.6	25 216.8	2 -	119 431.6	105 426.0	14 -	122 402.4	118 396.0	4 -
CEREBROVASCULAR DISEASE (430-438)	5 42.5	5 43.4	- -	26 94.3	21 85.2	5 -	18 59.4	18 60.4	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	2 7.3	1 4.1	1 -	3 9.9	3 10.1	- -
PNEUMONIA AND INFLUENZA (480-487)	3 25.5	3 26.0	- -	8 29.0	6 24.3	2 -	11 36.3	10 33.6	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6 51.0	6 52.0	- -	13 47.1	11 44.6	2 -	4 13.2	4 13.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 8.5	1 8.7	- -	2 7.3	2 8.1	- -	2 6.6	2 6.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 8.5	1 8.7	- -	4 14.5	4 16.2	- -	2 6.6	2 6.7	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	1 3.3	1 3.4	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	3 10.9	3 12.2	- -	5 16.5	4 13.4	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 8.5	- -	1 -	1 3.6	1 4.1	- -	5 16.5	5 16.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5 42.5	5 43.4	- -	18 65.3	15 60.9	3 -	13 42.9	12 40.3	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 8.5	1 8.7	- -	12 43.5	10 40.6	2 -	9 29.7	8 26.8	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 34.0	4 34.7	- -	6 21.8	5 20.3	1 -	4 13.2	4 13.4	- -
SUICIDE (E950-E959)	- -	- -	- -	2 7.3	2 8.1	- -	3 9.9	3 10.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	- -	- -	- -	1 3.3	1 3.4	- -
ALL OTHER CAUSES	7 59.5	6 52.0	1 -	50 181.3	48 194.8	2 -	35 115.5	35 117.5	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MCMINN			MCNAIRY			MACON		
ESTIMATED POPULATION	ALL RACES 45,035 NO. RATE	WHITE 42,456 NO. RATE	OTHER RACES 2,579 NO. RATE	ALL RACES 24,803 NO. RATE	WHITE 22,990 NO. RATE	OTHER RACES 1,813 NO. RATE	ALL RACES 17,482 NO. RATE	WHITE 17,418 NO. RATE	OTHER RACES 64 NO. RATE
LIVE BIRTHS	527 11.7	493 11.6	34 13.2	292 11.8	255 11.1	37 20.4	205 11.7	202 11.6	3 46.9
ILLEGITIMATE BIRTHS	123 23.3	97 19.7	26 76.5	51 17.5	32 12.5	19 51.4	39 19.0	38 18.8	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	43 8.2	38 7.7	5 14.7	20 6.8	15 5.9	5 13.5	15 7.3	15 7.4	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 1.9	1 2.0	- -	3 10.3	3 11.8	- -	1 4.9	1 5.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 1.9	1 2.0	- -	3 10.3	3 11.8	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	1 1.9	1 2.0	- -	3 10.3	3 11.8	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	4 7.6	4 8.1	- -	1 3.4	1 3.9	- -	- -	- -	- -
INDUCED ABORTIONS	123 233.4	121 243.5	2 66.7	47 161.0	41 160.8	6 162.2	18 87.8	18 88.7	- -
TOTAL DEATHS	400 8.9	379 8.9	21 8.1	282 11.4	267 11.6	15 8.3	152 8.7	151 8.7	1 15.6
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	3 12.1	3 13.0	- -	1 5.7	1 5.7	- -
MALIGNANT NEOPLASMS (140-208)	92 204.3	85 200.2	7 -	58 233.8	55 239.2	3 -	28 160.2	28 160.8	- -
DIABETES MELLITUS (250)	11 24.4	9 21.2	2 -	6 24.2	5 21.7	1 -	6 34.3	5 28.7	1 -
DISEASES OF HEART (390-398,402,404-429)	140 310.9	132 310.9	8 -	121 487.8	115 500.2	6 -	55 314.6	55 315.8	- -
CEREBROVASCULAR DISEASE (430-438)	39 86.6	37 87.1	2 -	22 88.7	21 91.3	1 -	10 57.2	10 57.4	- -
ATHEROSCLEROSIS (440)	7 15.5	7 16.5	- -	- -	- -	- -	2 11.4	2 11.5	- -
PNEUMONIA AND INFLUENZA (480-487)	12 26.6	12 28.3	- -	6 24.2	6 26.1	- -	3 17.2	3 17.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11 24.4	11 25.9	- -	12 48.4	12 52.2	- -	6 34.3	6 34.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 6.7	3 7.1	- -	2 8.1	2 8.7	- -	3 17.2	3 17.2	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 8.9	4 9.4	- -	3 12.1	2 8.7	1 -	2 11.4	2 11.5	- -
CONGENITAL ANOMALIES (740-759)	1 2.2	1 2.4	- -	1 4.0	1 4.3	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 2.2	1 2.4	- -	2 8.1	2 8.7	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	2 8.1	1 4.3	1 -	3 17.2	3 17.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14 31.1	14 33.0	- -	7 28.2	7 30.4	- -	12 68.6	12 68.9	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 13.3	6 14.1	- -	3 12.1	3 13.0	- -	5 28.6	5 28.7	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 17.8	8 18.8	- -	4 16.1	4 17.4	- -	7 40.0	7 40.2	- -
SUICIDE (E950-E959)	4 8.9	4 9.4	- -	6 24.2	6 26.1	- -	1 5.7	1 5.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	9 20.0	9 21.2	- -	1 4.0	1 4.3	- -	2 11.4	2 11.5	- -
ALL OTHER CAUSES	52 115.5	50 117.8	2 -	30 121.0	28 121.8	2 -	18 103.0	18 103.3	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MADISON			MARION			MARSHALL		
	ALL RACES 81,078 NO. RATE	WHITE 55,490 NO. RATE	OTHER RACES 25,588 NO. RATE	ALL RACES 26,249 NO. RATE	WHITE 25,115 NO. RATE	OTHER RACES 1,134 NO. RATE	ALL RACES 20,886 NO. RATE	WHITE 18,680 NO. RATE	OTHER RACES 2,206 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	1302 16.1	732 13.2	570 22.3	385 14.7	371 14.8	14 12.3	289 13.8	258 13.8	31 14.1
ILLEGITIMATE BIRTHS	490 37.6	91 12.4	399 70.0	91 23.6	83 22.4	8 57.1	62 21.5	41 15.9	21 67.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	97 7.5	38 5.2	59 10.4	39 10.1	37 10.0	2 14.3	27 9.3	26 10.1	1 3.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	15 11.5	5 6.8	10 17.5	8 20.8	7 18.9	1 71.4	2 6.9	2 7.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	10 7.7	3 4.1	7 12.3	5 13.0	5 13.5	- -	2 6.9	2 7.8	- -
UNDER 7 DAYS OF AGE	10 7.7	3 4.1	7 12.3	4 10.4	4 10.8	- -	2 6.9	2 7.8	- -
7-27 DAYS OF AGE	- -	- -	- -	1 2.6	1 2.7	- -	- -	- -	- -
FETAL DEATHS	4 3.1	1 1.4	3 5.3	4 10.4	4 10.8	- -	- -	- -	- -
INDUCED ABORTIONS	271 208.1	154 207.8	116 206.8	64 166.2	62 167.1	2 142.9	32 110.7	26 100.4	6 200.0
TOTAL DEATHS	810 10.0	536 9.7	274 10.7	278 10.6	263 10.5	15 13.2	251 12.0	229 12.3	22 10.0
CAUSE OF DEATH									
SEPTICEMIA (038)	6 7.4	4 7.2	2 7.8	2 7.6	2 8.0	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	176 217.1	120 216.3	56 218.9	68 259.1	65 258.8	3 -	60 287.3	52 278.4	8 -
DIABETES MELLITUS (250)	14 17.3	8 14.4	6 23.4	4 15.2	3 11.9	1 -	11 52.7	9 48.2	2 -
DISEASES OF HEART (390-398,402,404-429)	247 304.6	172 310.0	75 293.1	97 369.5	93 370.3	4 -	72 344.7	66 353.3	6 -
CEREBROVASCULAR DISEASE (430-438)	88 108.5	48 86.5	40 156.3	13 49.5	10 39.8	3 -	23 110.1	21 112.4	2 -
ATHEROSCLEROSIS (440)	11 13.6	5 9.0	6 23.4	8 30.5	8 31.9	- -	1 4.8	1 5.4	- -
PNEUMONIA AND INFLUENZA (480-487)	13 16.0	12 21.6	1 3.9	11 41.9	10 39.8	1 -	8 38.3	8 42.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	32 39.5	28 50.5	4 15.6	16 61.0	16 63.7	- -	10 47.9	10 53.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10 12.3	7 12.6	3 11.7	3 11.4	3 11.9	- -	3 14.4	2 10.7	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	9 11.1	3 5.4	6 23.4	2 7.6	1 4.0	1 -	3 14.4	3 16.1	- -
CONGENITAL ANOMALIES (740-759)	6 7.4	2 3.6	4 15.6	3 11.4	3 11.9	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	7 8.6	2 3.6	5 19.5	4 15.2	4 15.9	- -	1 4.8	1 5.4	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	34 41.9	24 43.3	10 39.1	2 7.6	2 8.0	- -	2 9.6	2 10.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	30 37.0	24 43.3	6 23.4	15 57.1	15 59.7	- -	17 81.4	16 85.7	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 12.3	9 16.2	1 3.9	8 30.5	8 31.9	- -	6 28.7	5 26.8	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	20 24.7	15 27.0	5 19.5	7 26.7	7 27.9	- -	11 52.7	11 58.9	- -
SUICIDE (E950-E959)	3 3.7	1 1.8	2 7.8	1 3.8	1 4.0	- -	3 14.4	3 16.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 7.4	1 1.8	5 19.5	2 7.6	2 8.0	- -	2 9.6	2 10.7	- -
ALL OTHER CAUSES	118 145.5	75 135.2	43 168.0	27 102.9	25 99.5	2 -	35 167.6	33 176.7	2 -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MAURY			MEIGS			MONROE		
	ALL RACES 55,695 NO. RATE	WHITE 46,064 NO. RATE	OTHER RACES 9,631 NO. RATE	ALL RACES 8,580 NO. RATE	WHITE 8,462 NO. RATE	OTHER RACES 118 NO. RATE	ALL RACES 51,423 NO. RATE	WHITE 30,441 NO. RATE	OTHER RACES 982 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	812 14.6	652 14.2	160 16.6	98 11.4	98 11.6	- -	424 13.5	409 13.4	15 15.3
ILLEGITIMATE BIRTHS	234 28.8	116 17.8	118 73.8	18 18.4	18 18.4	- -	64 15.1	56 13.7	8 53.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	61 7.5	46 7.1	15 9.4	10 10.2	10 10.2	- -	24 5.7	22 5.4	2 13.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5 6.2	4 6.1	1 6.2	1 10.2	1 10.2	- -	5 11.8	5 12.2	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 2.5	1 1.5	1 6.2	- -	- -	- -	3 7.1	3 7.3	- -
UNDER 7 DAYS OF AGE	1 1.2	- -	1 6.2	- -	- -	- -	2 4.7	2 4.9	- -
7-27 DAYS OF AGE	1 1.2	1 1.5	- -	- -	- -	- -	1 2.4	1 2.4	- -
FETAL DEATHS	6 7.4	5 7.7	1 6.2	1 10.2	1 10.2	- -	1 2.4	1 2.4	- -
INDUCED ABORTIONS	98 120.7	73 110.4	24 158.9	10 102.0	9 91.8	1 -	64 150.9	64 155.7	- -
TOTAL DEATHS	542 9.7	433 9.4	109 11.3	76 8.9	75 8.9	1 0.5	292 9.3	277 9.1	15 15.3
CAUSE OF DEATH									
SEPTICEMIA (038)	3 5.4	2 4.3	1 10.4	1 11.7	1 11.8	- -	2 6.4	2 6.6	- -
MALIGNANT NEOPLASMS (140-208)	124 222.6	94 204.1	30 311.5	16 186.5	15 177.3	1 -	67 213.2	65 213.5	2 -
DIABETES MELLITUS (250)	11 19.8	6 13.0	5 51.9	1 11.7	1 11.8	- -	5 15.9	5 16.4	- -
DISEASES OF HEART (390-398,402,404-429)	198 355.5	171 371.2	27 280.3	20 233.1	20 236.4	- -	74 235.5	71 233.2	3 -
CEREBROVASCULAR DISEASE (430-438)	44 79.0	31 67.3	13 135.0	9 104.9	9 106.4	- -	28 89.1	24 78.8	4 -
ATHEROSCLEROSIS (440)	3 5.4	2 4.3	1 10.4	- -	- -	- -	1 3.2	1 3.3	- -
PNEUMONIA AND INFLUENZA (480-487)	21 37.7	16 34.7	5 51.9	1 11.7	1 11.8	- -	10 31.8	10 32.9	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13 23.3	11 23.9	2 20.8	4 46.6	4 47.3	- -	13 41.4	13 42.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5 9.0	4 8.7	1 10.4	1 11.7	1 11.8	- -	1 3.2	- -	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 9.0	4 8.7	1 10.4	- -	- -	- -	2 6.4	2 6.6	- -
CONGENITAL ANOMALIES (740-759)	1 1.8	1 2.2	- -	- -	- -	- -	1 3.2	1 3.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 1.8	- -	1 10.4	- -	- -	- -	2 6.4	2 6.6	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8 14.4	6 13.0	2 20.8	1 11.7	1 11.8	- -	26 82.7	24 78.8	2 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	27 48.5	24 52.1	3 31.1	5 58.3	5 59.1	- -	21 66.8	18 59.1	3 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	14 25.1	14 30.4	- -	2 23.3	2 23.6	- -	12 38.2	10 32.9	2 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	13 23.3	10 21.7	3 31.1	3 35.0	3 35.5	- -	9 28.6	8 26.3	1 -
SUICIDE (E950-E959)	4 7.2	4 8.7	- -	- -	- -	- -	3 9.5	3 9.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 10.8	2 4.3	4 41.5	- -	- -	- -	- -	- -	- -
ALL OTHER CAUSES	68 122.1	55 119.4	13 135.0	17 198.1	17 200.9	- -	36 114.6	36 118.3	- -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MONTGOMERY			MOORE			MORGAN		
	ALL RACES 99,669 NO. RATE	WHITE 78,491 NO. RATE	OTHER RACES 21,178 NO. RATE	ALL RACES 5,129 NO. RATE	WHITE 4,960 NO. RATE	OTHER RACES 169 NO. RATE	ALL RACES 18,252 NO. RATE	WHITE 18,141 NO. RATE	OTHER RACES 111 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	2048 20.5	1502 19.1	546 25.8	56 10.9	56 11.3	- -	211 11.6	211 11.6	- -
ILLEGITIMATE BIRTHS	380 18.6	196 13.0	184 33.7	2 3.6	2 3.6	- -	46 21.8	46 21.8	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	135 6.6	91 6.1	44 8.1	2 3.6	2 3.6	- -	16 7.6	16 7.6	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	17 8.3	11 7.3	6 11.0	- -	- -	- -	1 4.7	1 4.7	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9 4.4	5 3.3	4 7.3	- -	- -	- -	1 4.7	1 4.7	- -
UNDER 7 DAYS OF AGE	9 4.4	5 3.3	4 7.3	- -	- -	- -	1 4.7	1 4.7	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	16 7.8	11 7.3	5 9.2	- -	- -	- -	2 9.5	2 9.5	- -
INDUCED ABORTIONS	282 137.7	196 126.0	86 174.4	4 71.4	4 71.4	- -	36 170.6	35 165.9	1 -
TOTAL DEATHS	582 5.8	477 6.1	105 5.0	37 7.2	35 7.1	2 11.8	157 8.6	156 8.6	1 9.0
CAUSE OF DEATH									
SEPTICEMIA (038)	5 5.0	5 6.4	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	141 141.5	121 154.2	20 94.4	10 195.0	10 -	- -	45 246.5	45 248.1	- -
DIABETES MELLITUS (250)	7 7.0	5 6.4	2 9.4	2 39.0	1 -	1 -	3 16.4	3 16.5	- -
DISEASES OF HEART (390-398,402,404-429)	182 182.6	151 192.4	31 146.4	11 214.5	10 -	1 -	44 241.1	44 242.5	- -
CEREBROVASCULAR DISEASE (430-438)	57 57.2	42 53.5	15 70.8	6 117.0	6 -	- -	14 76.7	13 71.7	1 -
ATHEROSCLEROSIS (440)	1 1.0	1 1.3	- -	1 19.5	1 -	- -	2 11.0	2 11.0	- -
PNEUMONIA AND INFLUENZA (480-487)	15 15.0	10 12.7	5 23.6	- -	- -	- -	2 11.0	2 11.0	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	25 25.1	24 30.6	1 4.7	- -	- -	- -	9 49.3	9 49.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5 5.0	2 2.5	3 14.2	1 19.5	1 -	- -	1 5.5	1 5.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7 7.0	5 6.4	2 9.4	- -	- -	- -	1 5.5	1 5.5	- -
CONGENITAL ANOMALIES (740-759)	2 2.0	2 2.5	- -	- -	- -	- -	1 5.5	1 5.5	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	7 7.0	3 3.8	4 18.9	- -	- -	- -	1 5.5	1 5.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	22 22.1	17 21.7	5 23.6	- -	- -	- -	1 5.5	1 5.5	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	35 35.1	29 36.9	6 28.3	- -	- -	- -	10 54.8	10 55.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	12 12.0	9 11.5	3 14.2	- -	- -	- -	7 38.4	7 38.6	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	23 23.1	20 25.5	3 14.2	- -	- -	- -	3 16.4	3 16.5	- -
SUICIDE (E950-E959)	8 8.0	8 10.2	- -	- -	- -	- -	1 5.5	1 5.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 6.0	5 6.4	1 4.7	- -	- -	- -	1 5.5	1 5.5	- -
ALL OTHER CAUSES	57 57.2	47 59.9	10 47.2	6 117.0	6 -	- -	21 115.1	21 115.8	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	OBION			OVERTON			PERRY		
	ALL RACES 34,430 NO. RATE	WHITE 30,566 NO. RATE	OTHER RACES 3,864 NO. RATE	ALL RACES 18,619 NO. RATE	WHITE 18,532 NO. RATE	OTHER RACES 87 NO. RATE	ALL RACES 6,464 NO. RATE	WHITE 6,291 NO. RATE	OTHER RACES 173 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	402 11.7	337 11.0	65 16.8	194 10.4	193 10.4	1 11.5	88 13.6	87 13.8	1 5.8
ILLEGITIMATE BIRTHS	86 21.4	43 12.8	43 66.2	25 12.9	25 13.0	- -	10 11.4	10 11.5	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	31 7.7	25 7.4	6 9.2	12 6.2	12 6.2	- -	1 1.1	1 1.1	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 2.5	1 3.0	- -	3 15.5	3 15.5	- -	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	2 10.3	2 10.4	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	2 10.3	2 10.4	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	4 10.0	3 8.9	1 15.4	2 10.3	2 10.4	- -	- -	- -	- -
INDUCED ABORTIONS	66 164.2	54 158.4	11 180.3	15 77.3	15 77.3	- -	5 56.8	5 57.5	- -
TOTAL DEATHS	377 10.9	324 10.6	53 13.7	191 10.3	190 10.3	1 11.5	63 9.7	63 10.0	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	1 2.9	1 3.3	- -	1 5.4	1 5.4	- -	1 15.5	1 15.9	- -
MALIGNANT NEOPLASMS (140-208)	78 226.5	66 215.9	12 -	39 209.5	38 205.1	1 -	13 201.1	13 206.6	- -
DIABETES MELLITUS (250)	6 17.4	5 16.4	1 -	5 26.9	5 27.0	- -	1 15.5	1 15.9	- -
DISEASES OF HEART (390-398,402,404-429)	146 424.0	126 412.2	20 -	60 322.3	60 323.8	- -	19 293.9	19 302.0	- -
CEREBROVASCULAR DISEASE (430-438)	28 81.3	25 81.8	3 -	11 59.1	11 59.4	- -	3 46.4	3 47.7	- -
ATHEROSCLEROSIS (440)	24 69.7	19 62.2	5 -	2 10.7	2 10.8	- -	2 30.9	2 31.8	- -
PNEUMONIA AND INFLUENZA (480-487)	9 26.1	8 26.2	1 -	9 48.3	9 48.6	- -	2 30.9	2 31.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8 23.2	7 22.9	1 -	8 43.0	8 43.2	- -	3 46.4	3 47.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 5.8	2 6.5	- -	2 10.7	2 10.8	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 2.9	1 3.3	- -	1 5.4	1 5.4	- -	2 30.9	2 31.8	- -
CONGENITAL ANOMALIES (740-759)	3 8.7	3 9.8	- -	1 5.4	1 5.4	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 5.4	1 5.4	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 8.7	3 9.8	- -	3 16.1	3 16.2	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23 66.8	20 65.4	3 -	12 64.5	12 64.8	- -	9 139.2	9 143.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	14 40.7	11 36.0	3 -	8 43.0	8 43.2	- -	2 30.9	2 31.8	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	9 26.1	9 29.4	- -	4 21.5	4 21.6	- -	7 108.3	7 111.3	- -
SUICIDE (E950-E959)	9 26.1	8 26.2	1 -	2 10.7	2 10.8	- -	1 15.5	1 15.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 2.9	- -	1 -	2 10.7	2 10.8	- -	- -	- -	- -
ALL OTHER CAUSES	35 101.7	30 98.1	5 -	32 171.9	32 172.7	- -	7 108.3	7 111.3	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	PICKETT			POLK			PUTNAM		
	ALL RACES 4,750 NO. RATE	WHITE 4,750 NO. RATE	OTHER RACES 0 NO. RATE	ALL RACES 14,597 NO. RATE	WHITE 14,597 NO. RATE	OTHER RACES 0 NO. RATE	ALL RACES 53,017 NO. RATE	WHITE 51,515 NO. RATE	OTHER RACES 1,502 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	49 10.3	49 10.3	- -	167 11.4	167 11.4	- -	673 12.7	650 12.6	23 15.3
ILLEGITIMATE BIRTHS	7 14.3	7 14.3	- -	28 16.8	28 16.8	- -	98 14.6	93 14.3	5 21.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	3 6.1	3 6.1	- -	12 7.2	12 7.2	- -	41 6.1	40 6.2	1 4.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	2 12.0	2 12.0	- -	3 4.5	3 4.6	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	2 3.0	2 3.1	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 3.0	2 3.1	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	3 4.5	2 3.1	1 43.5
INDUCED ABORTIONS	4 81.6	4 81.6	- -	21 125.7	21 125.7	- -	151 224.4	145 222.7	6 272.7
TOTAL DEATHS	49 10.3	49 10.3	- -	139 9.5	139 9.5	- -	467 8.8	458 8.9	9 6.0
CAUSE OF DEATH									
SEPTICEMIA (038)	2 42.1	2 -	- -	- -	- -	- -	2 3.8	2 3.9	- -
MALIGNANT NEOPLASMS (140-208)	4 84.2	4 -	- -	26 178.1	26 178.1	- -	94 177.3	92 178.6	2 -
DIABETES MELLITUS (250)	2 42.1	2 -	- -	1 6.9	1 6.9	- -	10 18.9	10 19.4	- -
DISEASES OF HEART (390-398,402,404-429)	22 463.2	22 -	- -	56 383.6	56 383.6	- -	174 328.2	170 330.0	4 -
CEREBROVASCULAR DISEASE (430-438)	2 42.1	2 -	- -	8 54.8	8 54.8	- -	41 77.3	41 79.6	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	2 13.7	2 13.7	- -	9 17.0	9 17.5	- -
PNEUMONIA AND INFLUENZA (480-487)	2 42.1	2 -	- -	2 13.7	2 13.7	- -	6 11.3	6 11.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	2 42.1	2 -	- -	7 48.0	7 48.0	- -	16 30.2	16 31.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	2 13.7	2 13.7	- -	6 11.3	5 9.7	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 42.1	2 -	- -	1 6.9	1 6.9	- -	3 5.7	3 5.8	- -
CONGENITAL ANOMALIES (740-759)	1 21.1	1 -	- -	1 6.9	1 6.9	- -	1 1.9	1 1.9	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	1 1.9	1 1.9	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	4 27.4	4 27.4	- -	10 18.9	10 19.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	3 63.2	3 -	- -	11 75.4	11 75.4	- -	31 58.5	31 60.2	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 21.1	1 -	- -	6 41.1	6 41.1	- -	18 34.0	18 34.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 42.1	2 -	- -	5 34.3	5 34.3	- -	13 24.5	13 25.2	- -
SUICIDE (E950-E959)	1 21.1	1 -	- -	2 13.7	2 13.7	- -	8 15.1	8 15.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	1 6.9	1 6.9	- -	2 3.8	2 3.9	- -
ALL OTHER CAUSES	6 126.3	6 -	- -	15 102.8	15 102.8	- -	53 100.0	51 99.0	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	RHEA			ROANE			ROBERTSON		
	ALL RACES 28,166 NO. RATE	WHITE 27,333 NO. RATE	OTHER RACES 833 NO. RATE	ALL RACES 52,969 NO. RATE	WHITE 51,171 NO. RATE	OTHER RACES 1,798 NO. RATE	ALL RACES 42,084 NO. RATE	WHITE 36,390 NO. RATE	OTHER RACES 5,694 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	341 12.1	323 11.8	18 21.6	551 10.4	515 10.1	36 20.0	655 15.6	562 15.4	93 16.3
ILLEGITIMATE BIRTHS	80 23.5	70 21.7	10 55.6	101 18.3	83 16.1	18 50.0	144 22.0	84 14.9	60 64.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	21 6.2	18 5.6	3 16.7	37 6.7	36 7.0	1 2.8	43 6.6	31 5.5	12 12.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5 14.7	5 15.5	- -	5 9.1	5 9.7	- -	4 6.1	3 5.3	1 10.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 14.7	5 15.5	- -	3 5.4	3 5.8	- -	3 4.6	2 3.6	1 10.8
UNDER 7 DAYS OF AGE	5 14.7	5 15.5	- -	2 3.6	2 3.9	- -	3 4.6	2 3.6	1 10.8
7-27 DAYS OF AGE	- -	- -	- -	1 1.8	1 1.9	- -	- -	- -	- -
FETAL DEATHS	2 5.9	2 6.2	- -	4 7.3	4 7.8	- -	6 9.2	5 8.9	1 10.8
INDUCED ABORTIONS	49 143.7	47 142.0	2 200.0	113 205.1	104 200.0	8 258.1	65 99.2	51 90.3	14 155.6
TOTAL DEATHS	230 8.2	224 8.2	6 7.2	440 8.3	426 8.3	14 7.8	387 9.2	329 9.0	58 10.2
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	1 1.9	1 2.0	- -	1 2.4	1 2.7	- -
MALIGNANT NEOPLASMS (140-208)	68 241.4	67 245.1	1 -	89 168.0	84 164.2	5 -	87 206.7	77 211.6	10 175.6
DIABETES MELLITUS (250)	4 14.2	4 14.6	- -	14 26.4	14 27.4	- -	6 14.3	4 11.0	2 35.1
DISEASES OF HEART (390-398,402,404-429)	77 273.4	76 278.1	1 -	172 324.7	167 326.4	5 -	111 263.8	100 274.8	11 193.2
CEREBROVASCULAR DISEASE (430-438)	16 56.8	15 54.9	1 -	26 49.1	24 46.9	2 -	41 97.4	32 87.9	9 158.1
ATHEROSCLEROSIS (440)	1 3.6	1 3.7	- -	4 7.6	4 7.8	- -	11 26.1	11 30.2	- -
PNEUMONIA AND INFLUENZA (480-487)	3 10.7	3 11.0	- -	12 22.7	12 23.5	- -	13 30.9	12 33.0	1 17.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8 28.4	8 29.3	- -	30 56.6	30 58.6	- -	20 47.5	19 52.2	1 17.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	3 5.7	3 5.9	- -	4 9.5	3 8.2	1 17.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 10.7	3 11.0	- -	3 5.7	3 5.9	- -	6 14.3	4 11.0	2 35.1
CONGENITAL ANOMALIES (740-759)	2 7.1	2 7.3	- -	1 1.9	1 2.0	- -	2 4.8	1 2.7	1 17.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 7.1	2 7.3	- -	1 1.9	1 2.0	- -	2 4.8	2 5.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 10.7	3 11.0	- -	5 9.4	5 9.8	- -	2 4.8	1 2.7	1 17.6
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12 42.6	12 43.9	- -	22 41.5	22 43.0	- -	15 35.6	13 35.7	2 35.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	9 32.0	9 32.9	- -	15 28.3	15 29.3	- -	7 16.6	6 16.5	1 17.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 10.7	3 11.0	- -	7 13.2	7 13.7	- -	8 19.0	7 19.2	1 17.6
SUICIDE (E950-E959)	4 14.2	4 14.6	- -	6 11.3	6 11.7	- -	6 14.3	5 13.7	1 17.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 3.6	- -	1 -	2 3.8	2 3.9	- -	6 14.3	3 8.2	3 52.7
ALL OTHER CAUSES	26 92.3	24 87.8	2 -	49 92.5	47 91.8	2 -	54 128.3	41 112.7	13 228.3

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	RUTHERFORD			SCOTT			SEQUATCHIE		
ESTIMATED POPULATION	ALL RACES 98,274 NO. RATE	WHITE 87,800 NO. RATE	OTHER RACES 10,474 NO. RATE	ALL RACES 21,871 NO. RATE	WHITE 21,871 NO. RATE	OTHER RACES 0 NO. RATE	ALL RACES 9,502 NO. RATE	WHITE 9,451 NO. RATE	OTHER RACES 51 NO. RATE
LIVE BIRTHS	1789 18.2	1563 17.8	225 21.5	271 12.4	271 12.4	- -	89 9.4	88 9.3	1 19.6
ILLEGITIMATE BIRTHS	368 20.6	249 15.9	118 52.4	50 18.5	50 18.5	- -	25 28.1	25 28.4	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	146 8.2	116 7.4	30 13.3	17 6.3	17 6.3	- -	7 7.9	7 8.0	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	12 6.7	12 7.7	- -	3 11.1	3 11.1	- -	2 22.5	2 22.7	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	8 4.5	8 5.1	- -	2 7.4	2 7.4	- -	1 11.2	1 11.4	- -
UNDER 7 DAYS OF AGE	8 4.5	8 5.1	- -	2 7.4	2 7.4	- -	1 11.2	1 11.4	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	7 3.9	6 3.8	1 4.4	- -	- -	- -	1 11.2	1 11.4	- -
INDUCED ABORTIONS	331 185.0	272 171.6	59 290.6	17 62.7	17 62.7	- -	12 134.8	12 136.4	- -
TOTAL DEATHS	766 7.8	663 7.6	103 9.8	164 7.5	164 7.5	- -	102 10.7	102 10.8	- -
CAUSE OF DEATH									
SEPTICEMIA (1038)	6 6.1	4 4.6	2 19.1	2 9.1	2 9.1	- -	2 21.0	2 21.2	- -
MALIGNANT NEOPLASMS (140-208)	206 209.6	175 199.3	31 296.0	46 210.3	46 210.3	- -	19 200.0	19 201.0	- -
DIABETES MELLITUS (250)	11 11.2	6 6.8	5 47.7	- -	- -	- -	1 10.5	1 10.6	- -
DISEASES OF HEART (390-398,402,404-429)	247 251.3	218 248.3	29 276.9	51 233.2	51 233.2	- -	40 421.0	40 423.2	- -
CEREBROVASCULAR DISEASE (430-438)	58 59.0	52 59.2	6 57.3	15 68.6	15 68.6	- -	7 73.7	7 74.1	- -
ATHEROSCLEROSIS (440)	2 2.0	2 2.3	- -	3 13.7	3 13.7	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	24 24.4	20 22.8	4 38.2	7 32.0	7 32.0	- -	3 31.6	3 31.7	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	23 23.4	19 21.6	4 38.2	8 36.6	8 36.6	- -	5 52.6	5 52.9	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8 8.1	7 8.0	1 9.5	2 9.1	2 9.1	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	8 8.1	7 8.0	1 9.5	1 4.6	1 4.6	- -	2 21.0	2 21.2	- -
CONGENITAL ANOMALIES (740-759)	3 3.1	3 3.4	- -	1 4.6	1 4.6	- -	1 10.5	1 10.6	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6 6.1	6 6.8	- -	1 4.6	1 4.6	- -	1 10.5	1 10.6	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 2.0	2 2.3	- -	2 9.1	2 9.1	- -	1 10.5	1 10.6	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	45 45.8	41 46.7	4 38.2	8 36.6	8 36.6	- -	13 136.8	13 137.6	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	26 26.5	25 28.5	1 9.5	3 13.7	3 13.7	- -	5 52.6	5 52.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	19 19.3	16 18.2	3 28.6	5 22.9	5 22.9	- -	8 84.2	8 84.6	- -
SUICIDE (E950-E959)	14 14.2	12 13.7	2 19.1	2 9.1	2 9.1	- -	3 31.6	3 31.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 6.1	4 4.6	2 19.1	1 4.6	1 4.6	- -	1 10.5	1 10.6	- -
ALL OTHER CAUSES	97 98.7	85 96.8	12 114.6	14 64.0	14 64.0	- -	3 31.6	3 31.7	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	SEVIER			SHELBY			SMITH		
	ALL RACES 48,368 NO. RATE	WHITE 47,994 NO. RATE	OTHER RACES 374 NO. RATE	ALL RACES 849,331 NO. RATE	WHITE 453,256 NO. RATE	OTHER RACES 396,075 NO. RATE	ALL RACES 16,164 NO. RATE	WHITE 15,570 NO. RATE	OTHER RACES 594 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	672 13.9	665 13.9	7 18.7	15497 18.2	6439 14.2	9055 22.9	197 12.2	191 12.3	6 10.1
ILLEGITIMATE BIRTHS	107 15.9	102 15.3	5 -	7129 46.0	766 11.9	6362 70.3	31 15.7	27 14.1	4 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	37 5.5	36 5.4	1 -	1613 10.4	345 5.4	1267 14.0	9 4.6	9 4.7	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9 13.4	9 13.5	- -	227 14.6	52 8.1	175 19.3	2 10.2	2 10.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 6.0	4 6.0	- -	160 10.3	33 5.1	127 14.0	1 5.1	1 5.2	- -
UNDER 7 DAYS OF AGE	2 3.0	2 3.0	- -	129 8.3	25 3.9	104 11.5	1 5.1	1 5.2	- -
7-27 DAYS OF AGE	2 3.0	2 3.0	- -	31 2.0	8 1.2	23 2.5	- -	- -	- -
FETAL DEATHS	1 1.5	1 1.5	- -	87 5.6	18 2.8	69 7.6	- -	- -	- -
INDUCED ABORTIONS	139 206.8	138 207.2	1 -	6731 434.3	2409 370.2	4309 479.5	8 40.6	8 41.7	- -
TOTAL DEATHS	425 8.8	423 8.8	2 5.3	7188 8.5	3846 8.5	3342 8.4	166 10.3	159 10.2	7 11.8
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	92 10.8	29 6.4	63 15.9	2 12.4	2 12.8	- -
MALIGNANT NEOPLASMS (140-208)	106 219.2	106 220.9	- -	1682 198.0	951 209.8	731 184.6	32 198.0	31 199.1	1 -
DIABETES MELLITUS (250)	9 18.6	9 18.8	- -	129 15.2	50 11.0	79 19.9	2 12.4	2 12.8	- -
DISEASES OF HEART (390-398,402,404-429)	120 248.1	119 247.9	1 -	2309 271.9	1272 280.6	1037 261.8	70 433.1	65 417.5	5 -
CEREBROVASCULAR DISEASE (430-438)	37 76.5	37 77.1	- -	571 67.2	285 62.9	286 72.2	15 92.8	15 96.3	- -
ATHEROSCLEROSIS (440)	9 18.6	9 18.8	- -	26 3.1	16 3.5	10 2.5	3 18.6	3 19.3	- -
PNEUMONIA AND INFLUENZA (480-487)	22 45.5	22 45.8	- -	274 32.3	171 37.7	103 26.0	3 18.6	3 19.3	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13 26.9	13 27.1	- -	261 28.4	177 39.1	64 16.2	1 6.2	1 6.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 8.3	4 8.3	- -	64 7.5	33 7.3	31 7.8	3 18.6	3 19.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 4.1	2 4.2	- -	59 6.9	28 6.2	31 7.8	3 18.6	3 19.3	- -
CONGENITAL ANOMALIES (740-759)	2 4.1	2 4.2	- -	49 5.8	23 5.1	26 6.6	2 12.4	2 12.8	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 6.2	3 6.3	- -	139 16.4	24 5.3	115 29.0	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11 22.7	11 22.9	- -	86 10.1	36 7.9	50 12.6	4 24.7	4 25.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19 39.3	19 39.6	- -	289 34.0	164 36.2	125 31.6	12 74.2	11 70.6	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	8 16.5	8 16.7	- -	129 15.2	80 17.7	49 12.4	7 43.3	6 36.5	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11 22.7	11 22.9	- -	160 18.8	84 18.5	76 19.2	5 30.9	5 32.1	- -
SUICIDE (E950-E959)	8 16.5	8 16.7	- -	104 12.2	74 16.3	30 7.6	1 6.2	1 6.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 6.2	3 6.3	- -	165 19.4	30 6.6	135 34.1	1 6.2	1 6.4	- -
ALL OTHER CAUSES	57 117.8	56 116.7	1 -	909 107.0	483 106.6	426 107.6	12 74.2	12 77.1	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	STEWART			SULLIVAN			SUMNER		
	ALL RACES 9,158 NO. RATE	WHITE 8,997 NO. RATE	OTHER RACES 161 NO. RATE	ALL RACES 150,255 NO. RATE	WHITE 146,807 NO. RATE	OTHER RACES 3,448 NO. RATE	ALL RACES 104,577 NO. RATE	WHITE 98,151 NO. RATE	OTHER RACES 6,426 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	101 11.0	100 11.1	1 6.2	1740 11.6	1686 11.5	54 15.7	1506 14.4	1365 13.9	141 21.9
ILLEGITIMATE BIRTHS	18 17.8	17 17.0	1 -	323 18.6	297 17.6	26 48.1	318 21.1	230 16.8	88 62.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	8 7.9	8 8.0	- -	118 6.8	113 6.7	5 9.3	87 5.8	72 5.3	15 10.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 9.9	1 10.0	- -	13 7.5	11 6.5	2 37.0	16 10.6	13 9.5	3 21.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 9.9	1 10.0	- -	12 6.9	10 5.9	2 37.0	7 4.6	6 4.4	1 7.1
UNDER 7 DAYS OF AGE	1 9.9	1 10.0	- -	9 5.2	8 4.7	1 18.5	6 4.0	5 3.7	1 7.1
7-27 DAYS OF AGE	- -	- -	- -	3 1.7	2 1.2	1 18.5	1 0.7	1 0.7	- -
FETAL DEATHS	1 9.9	1 10.0	- -	12 6.9	12 7.1	- -	8 5.3	7 5.1	1 7.1
INDUCED ABORTIONS	17 168.3	17 170.0	- -	361 207.5	344 202.8	17 386.4	167 110.9	152 110.7	15 112.8
TOTAL DEATHS	116 12.7	112 12.4	4 24.8	1368 9.1	1340 9.1	28 8.1	717 6.9	664 6.8	53 8.2
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	6 4.0	6 4.1	- -	8 7.6	8 8.2	- -
MALIGNANT NEOPLASMS (140-208)	24 262.1	24 266.8	- -	329 219.0	319 217.3	10 -	174 166.4	164 167.1	10 155.6
DIABETES MELLITUS (250)	1 10.9	1 11.1	- -	30 20.0	30 20.4	- -	8 7.6	5 5.1	3 46.7
DISEASES OF HEART (390-398, 402, 404-429)	50 546.0	48 533.5	2 -	485 322.8	477 324.9	8 -	251 240.0	230 234.3	21 326.8
CEREBROVASCULAR DISEASE (430-438)	4 43.7	4 44.5	- -	97 64.6	97 66.1	- -	62 59.3	59 60.1	3 46.7
ATHEROSCLEROSIS (440)	1 10.9	1 11.1	- -	6 4.0	6 4.1	- -	2 1.9	2 2.0	- -
PNEUMONIA AND INFLUENZA (480-487)	2 21.8	2 22.2	- -	50 33.3	48 32.7	2 -	19 18.2	17 17.3	2 31.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11 120.1	10 111.1	1 -	63 41.9	62 42.2	1 -	26 24.9	25 25.5	1 15.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 10.9	1 11.1	- -	17 11.3	16 10.9	1 -	6 5.7	4 4.1	2 31.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 10.9	1 11.1	- -	5 3.3	5 3.4	- -	7 6.7	6 6.1	1 15.6
CONGENITAL ANOMALIES (740-759)	1 10.9	1 11.1	- -	7 4.7	7 4.8	- -	3 2.9	3 3.1	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 10.9	1 11.1	- -	8 5.3	6 4.1	2 -	5 4.8	4 4.1	1 15.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	10 6.7	10 6.8	- -	8 7.6	6 6.1	2 31.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 65.5	5 55.6	1 -	53 35.3	51 34.7	2 -	44 42.1	41 41.8	3 46.7
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 10.9	- -	1 -	24 16.0	24 16.3	- -	15 14.3	15 15.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 54.6	5 55.6	- -	29 19.3	27 18.4	2 -	29 27.7	26 26.5	3 46.7
SUICIDE (E950-E959)	1 10.9	1 11.1	- -	28 18.6	28 19.1	- -	14 13.4	14 14.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 10.9	1 11.1	- -	9 6.0	9 6.1	- -	4 3.8	3 3.1	1 15.6
ALL OTHER CAUSES	11 120.1	11 122.3	- -	165 109.8	163 111.0	2 -	76 72.7	73 74.4	3 46.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (19TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	TIPTON			TROUSDALE			UNICOI		
	ALL RACES 36,534 NO. RATE	WHITE 26,649 NO. RATE	OTHER RACES 9,885 NO. RATE	ALL RACES 6,782 NO. RATE	WHITE 5,849 NO. RATE	OTHER RACES 933 NO. RATE	ALL RACES 16,652 NO. RATE	WHITE 16,652 NO. RATE	OTHER RACES 0 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	621 17.0	421 15.8	200 20.2	83 12.2	72 12.3	11 11.8	165 9.9	165 9.9	- -
ILLEGITIMATE BIRTHS	219 35.3	87 20.7	132 66.0	17 20.5	11 15.3	6 54.5	29 17.6	29 17.6	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	44 7.1	17 4.0	27 13.5	4 4.8	4 5.6	- -	12 7.3	12 7.3	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8 12.9	3 7.1	5 25.0	- -	- -	- -	2 12.1	2 12.1	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 8.1	2 4.8	3 15.0	- -	- -	- -	2 12.1	2 12.1	- -
UNDER 7 DAYS OF AGE	4 6.4	2 4.8	2 10.0	- -	- -	- -	1 6.1	1 6.1	- -
7-27 DAYS OF AGE	1 1.6	- -	1 5.0	- -	- -	- -	1 6.1	1 6.1	- -
FETAL DEATHS	4 6.4	2 4.8	2 10.0	1 12.0	1 13.9	- -	1 6.1	1 6.1	- -
INDUCED ABORTIONS	115 185.2	66 156.4	49 246.2	10 120.5	10 138.9	- -	17 103.0	17 103.0	- -
TOTAL DEATHS	338 9.3	241 9.0	97 9.8	65 9.6	49 8.4	16 17.1	191 11.5	190 11.4	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	2 5.5	1 3.8	1 10.1	1 14.7	1 17.1	- -	2 12.0	2 12.0	- -
MALIGNANT NEOPLASMS (140-208)	69 108.9	47 176.4	22 222.6	12 176.9	9 153.9	3 -	32 192.2	32 192.2	- -
DIABETES MELLITUS (250)	4 10.9	2 7.5	2 20.2	7 103.2	5 85.5	2 -	4 24.0	3 18.0	- -
DISEASES OF HEART (390-398,402,404-429)	129 353.1	100 375.2	29 293.4	17 250.7	13 222.3	4 -	76 456.4	76 456.4	- -
CEREBROVASCULAR DISEASE (430-438)	29 79.4	19 71.3	10 101.2	6 88.5	5 85.5	1 -	17 102.1	17 102.1	- -
ATHEROSCLEROSIS (440)	2 5.5	1 3.8	1 10.1	1 14.7	- -	1 -	1 6.0	1 6.0	- -
PNEUMONIA AND INFLUENZA (480-487)	10 27.4	4 15.0	6 60.7	2 29.5	1 17.1	1 -	14 84.1	14 84.1	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	14 38.3	11 41.3	3 30.3	5 73.7	4 60.4	1 -	7 42.0	7 42.0	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	- -	- -	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 8.2	3 11.3	- -	2 29.5	2 34.2	- -	1 6.0	1 6.0	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	1 6.0	1 6.0	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6 16.4	3 11.3	3 30.3	- -	- -	- -	1 6.0	1 6.0	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 5.5	1 3.8	1 10.1	- -	- -	- -	1 6.0	1 6.0	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	26 71.2	19 71.3	7 70.8	4 59.0	2 34.2	2 -	7 42.0	7 42.0	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	16 43.8	14 52.5	2 20.2	3 44.2	2 34.2	1 -	1 6.0	1 6.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10 27.4	5 18.8	5 50.6	1 14.7	- -	1 -	6 36.0	6 36.0	- -
SUICIDE (E950-E959)	4 10.9	4 15.0	- -	- -	- -	- -	3 18.0	3 18.0	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 5.5	1 3.8	1 10.1	- -	- -	- -	2 12.0	2 12.0	- -
ALL OTHER CAUSES	36 98.5	25 93.8	11 111.3	8 118.0	7 119.7	1 -	22 132.1	22 132.1	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

ESTIMATED POPULATION	UNION			VAN BUREN			WARREN		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	13,134 NO. RATE	13,134 NO. RATE	0 NO. RATE	5,319 NO. RATE	5,319 NO. RATE	0 NO. RATE	35,854 NO. RATE	34,510 NO. RATE	1,344 NO. RATE
LIVE BIRTHS	208 15.8	208 15.8	- -	48 9.0	48 9.0	- -	433 12.1	424 12.3	9 6.7
ILLEGITIMATE BIRTHS	30 14.4	30 14.4	- -	9 18.8	9 18.8	- -	81 18.7	75 17.7	6 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 6.2	13 6.2	- -	6 12.5	6 12.5	- -	34 7.9	33 7.8	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	- -	- -	- -	2 4.6	2 4.7	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	2 4.6	2 4.7	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 4.6	2 4.7	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	1 2.3	1 2.4	- -
INDUCED ABORTIONS	38 182.7	37 177.9	1 -	4 83.3	4 83.3	- -	47 108.5	42 98.4	5 -
TOTAL DEATHS	100 7.6	100 7.6	- -	44 8.3	44 8.3	- -	373 10.4	357 10.3	16 11.9
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	1 2.8	1 2.9	- -
MALIGNANT NEOPLASMS (140-208)	17 129.4	17 129.4	- -	6 112.8	6 112.8	- -	86 239.9	83 240.5	3 -
DIABETES MELLITUS (250)	1 7.6	1 7.6	- -	2 37.6	2 37.6	- -	4 11.2	3 8.7	1 -
DISEASES OF HEART (390-398,402,404-429)	31 236.0	31 236.0	- -	18 338.4	18 338.4	- -	135 376.5	127 368.0	8 -
CEREBROVASCULAR DISEASE (430-438)	10 76.1	10 76.1	- -	4 75.2	4 75.2	- -	30 83.7	30 86.9	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	- -	- -	- -	2 5.6	2 5.8	- -
PNEUMONIA AND INFLUENZA (480-487)	4 30.5	4 30.5	- -	1 18.8	1 18.8	- -	15 41.8	15 43.5	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6 45.7	6 45.7	- -	4 75.2	4 75.2	- -	22 61.4	22 63.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	1 18.8	1 18.8	- -	1 2.8	1 2.9	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	1 18.8	1 18.8	- -	1 2.8	1 2.9	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	2 5.6	2 5.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 7.6	1 7.6	- -	- -	- -	- -	8 22.3	7 20.3	1 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 45.7	6 45.7	- -	6 112.8	6 112.8	- -	21 58.6	20 58.0	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 7.6	1 7.6	- -	5 94.0	5 94.0	- -	14 39.0	13 37.7	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 38.1	5 38.1	- -	1 18.8	1 18.8	- -	7 19.5	7 20.3	- -
SUICIDE (E950-E959)	6 45.7	6 45.7	- -	- -	- -	- -	7 19.5	7 20.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 22.8	3 22.8	- -	- -	- -	- -	- -	- -	- -
ALL OTHER CAUSES	15 114.2	15 114.2	- -	1 18.8	1 18.8	- -	38 106.0	36 104.3	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	WASHINGTON			MAYNE			WEAKLEY		
ESTIMATED POPULATION	ALL RACES 95,068 NO. RATE	WHITE 91,168 NO. RATE	OTHER RACES 3,900 NO. RATE	ALL RACES 14,689 NO. RATE	WHITE 14,514 NO. RATE	OTHER RACES 175 NO. RATE	ALL RACES 34,233 NO. RATE	WHITE 31,830 NO. RATE	OTHER RACES 2,403 NO. RATE
LIVE BIRTHS	1157 12.2	1093 12.0	64 16.4	215 14.6	214 14.7	1 5.7	383 11.2	344 10.8	39 16.2
ILLEGITIMATE BIRTHS	238 20.6	205 18.8	33 51.6	37 17.2	37 17.3	- -	73 19.1	50 14.5	23 59.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	90 7.8	81 7.4	9 14.1	14 6.5	14 6.5	- -	35 9.1	31 9.0	4 10.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	13 11.2	11 10.1	2 31.2	2 9.3	2 9.3	- -	4 10.4	4 11.6	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 4.3	4 3.7	1 15.6	2 9.3	2 9.3	- -	2 5.2	2 5.8	- -
UNDER 7 DAYS OF AGE	4 3.5	4 3.7	- -	1 4.7	1 4.7	- -	2 5.2	2 5.8	- -
7-27 DAYS OF AGE	1 0.9	- -	1 15.6	1 4.7	1 4.7	- -	- -	- -	- -
FETAL DEATHS	3 2.6	2 1.8	1 15.6	- -	- -	- -	4 10.4	3 8.7	1 25.6
INDUCED ABORTIONS	308 266.2	292 264.7	15 277.8	7 32.6	6 28.0	1 -	88 229.8	70 202.3	17 459.5
TOTAL DEATHS	911 9.6	878 9.6	32 8.2	138 9.4	135 9.3	3 17.1	351 10.3	332 10.4	19 7.9
CAUSE OF DEATH									
SEPTICEMIA (038)	4 4.2	4 4.4	- -	- -	- -	- -	3 8.8	3 9.4	- -
MALIGNANT NEOPLASMS (140-208)	196 206.2	187 205.1	9 -	29 197.4	29 199.8	- -	61 178.2	58 182.2	3 -
DIABETES MELLITUS (250)	34 35.8	33 36.2	1 -	2 13.6	2 13.8	- -	7 20.4	6 18.9	1 -
DISEASES OF HEART (390-398,402,404-429)	277 291.4	271 297.3	6 -	39 265.5	37 254.9	2 -	128 373.9	124 389.6	4 -
CEREBROVASCULAR DISEASE (430-438)	57 60.0	54 59.2	3 -	14 95.3	14 96.5	- -	38 111.0	36 113.1	2 -
ATHEROSCLEROSIS (440)	12 12.6	11 12.1	1 -	4 27.2	3 20.7	1 -	3 8.8	3 9.4	- -
PNEUMONIA AND INFLUENZA (480-487)	26 27.3	25 27.4	1 -	5 34.0	5 34.4	- -	5 14.6	5 15.7	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	38 40.0	38 41.7	- -	5 34.0	5 34.4	- -	17 49.7	17 53.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	12 12.6	11 12.1	1 -	2 13.6	2 13.8	- -	2 5.8	2 6.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6 6.3	6 6.6	- -	- -	- -	- -	8 23.4	6 18.9	2 -
CONGENITAL ANOMALIES (740-759)	3 3.2	2 2.2	1 -	2 13.6	2 13.8	- -	2 5.8	2 6.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6 6.3	6 6.6	- -	- -	- -	- -	1 2.9	1 3.1	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	28 29.5	28 30.7	- -	3 20.4	3 20.7	- -	7 20.4	7 22.0	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	57 60.0	55 60.3	1 -	14 95.3	14 96.5	- -	15 43.8	14 44.0	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	22 23.1	22 24.1	- -	8 54.5	8 55.1	- -	6 17.5	5 15.7	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	35 36.8	33 36.2	1 -	6 40.8	6 41.3	- -	9 26.3	9 28.3	- -
SUICIDE (E950-E959)	10 10.5	10 11.0	- -	2 13.6	2 13.8	- -	5 14.6	5 15.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 2.1	1 1.1	1 -	- -	- -	- -	1 2.9	1 3.1	- -
ALL OTHER CAUSES	143 150.4	136 149.2	7 -	17 115.7	17 117.1	- -	48 140.2	42 132.0	6 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
MITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	WHITE			WILLIAMSON			WILSON		
	ALL RACES 20,749 NO. RATE	WHITE 20,222 NO. RATE	OTHER RACES 527 NO. RATE	ALL RACES 73,158 NO. RATE	WHITE 67,203 NO. RATE	OTHER RACES 5,955 NO. RATE	ALL RACES 67,652 NO. RATE	WHITE 61,724 NO. RATE	OTHER RACES 5,928 NO. RATE
ESTIMATED POPULATION									
LIVE BIRTHS	277 13.4	272 13.5	5 9.5	1019 13.9	913 13.6	106 17.8	966 14.3	855 13.9	111 18.7
ILLEGITIMATE BIRTHS	49 17.7	45 16.5	4 -	146 14.3	77 8.4	69 65.1	181 18.7	113 13.2	68 61.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 7.2	19 7.0	1 -	47 4.6	31 3.4	16 15.1	61 6.3	46 5.4	15 13.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 14.4	4 14.7	- -	10 9.8	6 6.6	4 37.7	9 9.3	5 5.8	4 36.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 7.2	2 7.4	- -	9 8.8	5 5.5	4 37.7	6 6.2	4 4.7	2 18.0
UNDER 7 DAYS OF AGE	1 3.6	1 3.7	- -	9 8.8	5 5.5	4 37.7	6 6.2	4 4.7	2 18.0
7-27 DAYS OF AGE	1 3.6	1 3.7	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	3 10.8	3 11.0	- -	7 6.9	5 5.5	2 18.9	6 6.2	5 5.8	1 9.0
INDUCED ABORTIONS	30 108.3	27 99.3	3 -	139 136.4	117 127.6	21 205.9	134 138.7	122 141.7	11 104.8
TOTAL DEATHS	240 11.6	231 11.4	9 17.1	454 6.2	396 5.9	58 9.7	505 7.5	451 7.3	54 9.1
CAUSE OF DEATH									
SEPTICEMIA (038)	2 9.6	2 9.9	- -	4 5.5	4 6.0	- -	4 5.9	4 6.5	- -
MALIGNANT NEOPLASMS (140-208)	57 274.7	53 262.1	4 -	100 136.7	89 132.4	11 184.7	116 171.5	103 166.9	13 219.3
DIABETES MELLITUS (250)	10 48.2	10 49.5	- -	9 12.3	8 11.9	1 16.8	11 16.3	10 16.2	1 16.9
DISEASES OF HEART (390-398,402,404-429)	95 457.9	91 450.0	4 -	153 209.1	135 200.9	18 302.3	140 206.9	129 209.0	11 185.6
CEREBROVASCULAR DISEASE (430-438)	23 110.8	22 108.8	1 -	38 51.9	34 50.6	4 67.2	55 81.3	51 82.6	4 67.5
ATHEROSCLEROSIS (440)	1 4.8	1 4.9	- -	3 4.1	3 4.5	- -	2 3.0	2 3.2	- -
PNEUMONIA AND INFLUENZA (480-487)	8 38.6	8 39.6	- -	5 6.8	5 7.4	- -	16 23.7	13 21.1	3 50.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9 43.4	9 44.5	- -	25 34.2	21 31.2	4 67.2	21 31.0	20 32.4	1 16.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	2 2.7	2 3.0	- -	3 4.4	3 4.9	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	4 5.5	2 3.0	2 33.6	4 5.9	3 4.9	1 16.9
CONGENITAL ANOMALIES (740-759)	1 4.8	1 4.9	- -	- -	- -	- -	2 3.0	2 3.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 9.6	2 9.9	- -	9 12.3	5 7.4	4 67.2	6 8.9	3 4.9	3 50.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 9.6	2 9.9	- -	- -	- -	- -	4 5.9	3 4.9	1 16.9
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 28.9	6 29.7	- -	28 38.3	25 37.2	3 50.4	34 50.3	30 48.6	4 67.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 14.5	3 14.8	- -	14 19.1	13 19.3	1 16.8	17 25.1	16 25.9	1 16.9
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 14.5	3 14.8	- -	14 19.1	12 17.9	2 33.6	17 25.1	14 22.7	3 50.6
SUICIDE (E950-E959)	1 4.8	1 4.9	- -	9 12.3	8 11.9	1 16.8	5 7.4	5 8.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 4.8	1 4.9	- -	2 2.7	2 3.0	- -	4 5.9	2 3.2	2 33.7
ALL OTHER CAUSES	22 106.0	22 108.8	- -	63 86.1	53 78.9	10 167.9	78 115.3	68 110.2	10 168.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	ATHENS			BARTLETT			BRISTOL		
	ALL RACES 13,101 NO. RATE	WHITE 11,776 NO. RATE	OTHER RACES 1,325 NO. RATE	ALL RACES 19,046 NO. RATE	WHITE 18,566 NO. RATE	OTHER RACES 480 NO. RATE	ALL RACES 25,049 NO. RATE	WHITE 24,196 NO. RATE	OTHER RACES 853 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	163 12.4	146 12.4	17 12.8	300 15.8	283 15.2	17 35.4	267 10.7	258 10.7	9 10.6
ILLEGITIMATE BIRTHS	50 30.7	38 26.0	12 70.6	23 7.7	18 6.4	5 29.4	49 18.4	49 19.0	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	12 7.4	10 6.8	2 11.8	18 6.0	17 6.0	1 5.9	19 7.1	19 7.4	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	2 6.7	2 7.1	- -	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	1 3.3	1 3.5	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	1 3.3	1 3.5	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	1 6.1	1 6.8	- -	- -	- -	- -	3 11.2	3 11.6	- -
INDUCED ABORTIONS	37 227.0	36 243.2	1 66.7	85 283.3	76 267.6	9 562.5	83 310.9	77 296.2	6 -
TOTAL DEATHS	138 10.5	124 10.5	14 10.6	70 3.7	67 3.6	3 6.3	274 10.9	267 11.0	7 8.2
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	3 12.0	3 12.4	- -
MALIGNANT NEOPLASMS (140-208)	31 236.6	27 229.3	4 -	18 94.5	17 91.6	1 -	62 247.5	59 243.8	3 -
DIABETES MELLITUS (250)	3 22.9	2 17.0	1 -	1 5.3	1 5.4	- -	5 20.0	5 20.7	- -
DISEASES OF HEART (390-398,402,404-429).....	44 335.9	39 331.2	5 -	20 105.0	19 102.3	1 -	108 431.2	105 434.0	3 -
CEREBROVASCULAR DISEASE (430-438).....	16 122.1	14 118.9	2 -	5 26.3	5 26.9	- -	21 83.8	21 86.8	- -
ATHEROSCLEROSIS (440)	3 22.9	3 25.5	- -	- -	- -	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	4 30.5	4 34.0	- -	1 5.3	1 5.4	- -	13 51.9	12 49.6	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	5 38.2	5 42.5	- -	6 31.5	6 32.3	- -	8 31.9	8 33.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 7.6	1 8.5	- -	1 5.3	1 5.4	- -	4 16.0	4 16.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 7.6	1 8.5	- -	- -	- -	- -	1 4.0	1 4.1	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	1 5.3	1 5.4	- -	1 4.0	1 4.1	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 5.3	1 5.4	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	1 5.3	1 5.4	- -	2 8.0	2 8.3	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8 61.1	8 67.9	- -	7 36.8	6 32.3	1 -	11 43.9	11 45.5	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	5 38.2	5 42.5	- -	4 21.0	3 16.2	1 -	3 12.0	3 12.4	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 22.9	3 25.5	- -	3 15.8	3 16.2	- -	8 31.9	8 33.1	- -
SUICIDE (E950-E959)	2 15.3	2 17.0	- -	2 10.5	2 10.8	- -	4 16.0	4 16.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	3 22.9	3 25.5	- -	- -	- -	- -	2 8.0	2 8.3	- -
ALL OTHER CAUSES	17 129.8	15 127.4	2 -	6 31.5	6 32.3	- -	29 115.8	29 119.9	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	CHATTANOOGA			CLARKSVILLE			CLEVELAND		
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 185,223 NO. RATE	WHITE 121,038 NO. RATE	OTHER RACES 64,185 NO. RATE	ALL RACES 65,670 NO. RATE	WHITE 48,813 NO. RATE	OTHER RACES 16,857 NO. RATE	ALL RACES 33,176 NO. RATE	WHITE 30,656 NO. RATE	OTHER RACES 2,520 NO. RATE
LIVE BIRTHS	2617 14.1	1324 10.9	1292 20.1	1675 25.5	1163 23.8	512 30.4	490 14.8	448 14.6	42 16.7
ILLEGITIMATE BIRTHS	1247 47.6	277 20.9	970 75.1	316 18.9	144 12.4	172 33.6	115 23.5	88 19.6	27 64.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	290 11.1	86 6.5	204 15.8	114 6.8	72 6.2	42 8.2	28 5.7	22 4.9	6 14.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	32 12.2	12 9.1	20 15.5	12 7.2	6 5.2	6 11.7	3 6.1	3 6.7	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	19 7.3	6 4.5	13 10.1	7 4.2	3 2.6	4 7.8	1 2.0	1 2.2	- -
UNDER 7 DAYS OF AGE	15 5.7	6 4.5	9 7.0	7 4.2	3 2.6	4 7.8	1 2.0	1 2.2	- -
7-27 DAYS OF AGE	4 1.5	- -	4 3.1	- -	- -	- -	- -	- -	- -
FETAL DEATHS	13 5.0	5 3.8	8 6.2	13 7.8	8 6.9	5 9.8	6 12.2	4 8.9	2 47.6
INDUCED ABORTIONS	943 360.3	549 405.2	390 309.3	182 108.7	128 105.4	54 117.1	81 165.3	77 170.4	4 105.3
TOTAL DEATHS	1960 10.6	1325 10.9	634 9.9	410 6.2	321 6.6	89 5.3	358 10.8	342 11.2	16 6.3
CAUSE OF DEATH									
SEPTICEMIA (038)	16 8.6	11 9.1	5 7.8	4 6.1	4 8.2	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	402 217.0	278 229.7	124 193.2	103 156.8	86 176.2	17 100.8	61 183.9	60 195.7	1 -
DIABETES MELLITUS (250)	50 27.0	24 19.8	26 40.5	6 9.1	4 8.2	2 11.9	10 30.1	7 22.8	3 -
DISEASES OF HEART (390-398,402,404-429)	729 393.6	495 409.0	234 364.6	124 188.8	97 198.7	27 160.2	125 376.8	120 391.4	5 -
CEREBROVASCULAR DISEASE (430-438)	135 72.9	86 71.1	49 76.3	41 62.4	31 63.5	10 59.3	30 90.4	29 94.6	1 -
ATHEROSCLEROSIS (440)	17 9.2	12 9.9	5 7.8	- -	- -	- -	4 12.1	2 6.5	2 -
PNEUMONIA AND INFLUENZA (480-487)	81 43.7	61 50.4	20 31.2	11 16.8	7 14.3	4 23.7	15 45.2	15 48.9	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	88 47.5	71 58.7	17 26.5	14 21.3	13 26.6	1 5.9	20 60.3	20 65.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	21 11.3	20 16.5	1 1.6	5 7.6	2 4.1	3 17.8	2 6.0	2 6.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	20 10.8	9 7.4	11 17.1	7 10.7	5 10.2	2 11.9	2 6.0	2 6.5	- -
CONGENITAL ANOMALIES (740-759)	8 4.3	6 5.0	2 3.1	1 1.5	1 2.0	- -	1 3.0	1 3.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	17 9.2	7 5.8	10 15.6	6 9.1	2 4.1	4 23.7	1 3.0	1 3.3	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	18 9.7	9 7.4	8 12.5	13 19.8	10 20.5	3 17.8	13 39.2	13 42.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	85 45.9	54 44.6	31 48.3	25 38.1	20 41.0	5 29.7	18 54.3	17 55.5	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	35 18.9	23 19.0	12 18.7	7 10.7	4 8.2	3 17.8	11 33.2	11 35.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	50 27.0	31 25.6	19 29.6	18 27.4	16 32.8	2 11.9	7 21.1	6 19.6	1 -
SUICIDE (E950-E959)	27 14.6	25 20.7	2 3.1	6 9.1	6 12.3	- -	7 21.1	7 22.8	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	14 7.6	4 3.3	10 15.6	3 4.6	2 4.1	1 5.9	1 3.0	1 3.3	- -
ALL OTHER CAUSES	232 125.3	153 126.4	79 123.1	41 62.4	31 63.5	10 59.3	48 144.7	45 146.8	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	COLUMBIA			COOKEVILLE			DYERSBURG		
	ALL RACES 29,420 NO. RATE	WHITE 23,400 NO. RATE	OTHER RACES 6,020 NO. RATE	ALL RACES 23,865 NO. RATE	WHITE 22,677 NO. RATE	OTHER RACES 1,188 NO. RATE	ALL RACES 17,015 NO. RATE	WHITE 13,685 NO. RATE	OTHER RACES 3,330 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	450 15.3	335 14.3	115 19.1	278 11.6	258 11.4	20 16.8	284 16.7	209 15.3	75 22.5
ILLEGITIMATE BIRTHS	151 33.6	62 18.5	89 77.4	38 13.7	36 14.0	2 10.0	93 32.7	47 22.5	46 61.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	29 6.4	20 6.0	9 7.8	13 4.7	13 5.0	-	30 10.6	19 9.1	11 14.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 6.7	2 6.0	1 8.7	1 3.6	1 3.9	-	4 14.1	2 9.6	2 26.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.2	-	1 8.7	1 3.6	1 3.9	-	1 3.5	-	1 13.3
UNDER 7 DAYS OF AGE	1 2.2	-	1 8.7	1 3.6	1 3.9	-	1 3.5	-	1 13.3
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-
FETAL DEATHS	4 8.9	3 9.0	1 8.7	-	-	-	1 3.5	-	1 13.3
INDUCED ABORTIONS	51 113.3	37 108.2	13 120.4	86 309.4	82 316.6	4 210.5	66 232.4	55 255.8	11 159.4
TOTAL DEATHS	293 10.0	223 9.5	70 11.6	178 7.5	174 7.7	4 3.4	230 13.5	186 13.6	44 13.2
CAUSE OF DEATH									
SEPTICEMIA (038)	2 6.8	1 4.3	1 16.6	1 4.2	1 4.4	-	1 5.9	-	1 -
MALIGNANT NEOPLASMS (140-208)	71 241.3	51 217.9	20 332.2	38 159.2	38 167.6	-	42 246.8	36 263.1	6 -
DIABETES MELLITUS (250)	4 15.6	2 8.5	2 33.2	3 12.6	3 13.2	-	3 17.6	3 21.9	-
DISEASES OF HEART (390-398,402,404-429).....	94 319.5	77 329.1	17 282.4	72 301.7	71 313.1	1 -	77 452.5	63 460.4	14 -
CEREBROVASCULAR DISEASE (430-438).....	35 119.0	25 106.8	10 166.1	18 75.4	18 79.4	-	14 82.3	10 73.1	4 -
ATHEROSCLEROSIS (440)	-	-	-	3 12.6	3 13.2	-	1 5.9	1 7.3	-
PNEUMONIA AND INFLUENZA (480-487)	9 30.6	7 29.9	2 33.2	1 4.2	1 4.4	-	8 47.0	8 58.5	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	7 23.8	6 25.6	1 16.6	6 25.1	6 26.5	-	8 47.0	6 43.8	2 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 10.2	2 8.5	1 16.6	3 12.6	2 8.8	1 -	2 11.8	1 7.3	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 10.2	2 8.5	1 16.6	1 4.2	1 4.4	-	1 5.9	-	1 -
CONGENITAL ANOMALIES (740-759)	1 3.4	1 4.3	-	-	-	-	3 17.6	3 21.9	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.4	-	1 16.6	1 4.2	1 4.4	-	1 5.9	-	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 10.2	2 8.5	1 16.6	3 12.6	3 13.2	-	17 99.9	10 73.1	7 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13 44.2	12 51.3	1 16.6	3 12.6	3 13.2	-	12 70.5	11 80.4	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 20.4	6 25.6	-	2 8.4	2 8.8	-	7 41.1	7 51.2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 23.8	6 25.6	1 16.6	1 4.2	1 4.4	-	5 29.4	4 29.2	1 -
SUICIDE (E950-E959)	1 3.4	1 4.3	-	3 12.6	3 13.2	-	3 17.6	3 21.9	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	4 13.6	2 8.5	2 33.2	-	-	-	1 5.9	-	1 -
ALL OTHER CAUSES	42 142.8	32 136.8	10 166.1	22 92.2	20 88.2	2 -	36 211.6	31 226.5	5 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	EAST RIDGE			ELIZABETHTON			FRANKLIN		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	22,423 NO. RATE	22,218 NO. RATE	205 NO. RATE	13,231 NO. RATE	12,814 NO. RATE	417 NO. RATE	16,287 NO. RATE	12,371 NO. RATE	3,916 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	141 6.3	139 6.3	2 9.8	159 12.0	151 11.8	8 19.2	355 21.8	285 23.0	70 17.9
ILLEGITIMATE BIRTHS	22 15.6	21 15.1	1 -	40 25.2	35 23.2	5 -	71 20.0	21 7.4	50 71.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	15 10.6	15 10.8	- -	13 8.2	13 8.6	- -	25 7.0	14 4.9	11 15.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 14.2	2 14.4	- -	3 18.9	3 19.9	- -	5 14.1	3 10.5	2 28.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	1 6.3	1 6.6	- -	4 11.3	2 7.0	2 28.6
UNDER 7 DAYS OF AGE	- -	- -	- -	1 6.3	1 6.6	- -	4 11.3	2 7.0	2 28.6
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	1 7.1	1 7.2	- -	3 18.9	3 19.9	- -	4 11.3	2 7.0	2 28.6
INDUCED ABORTIONS	16 113.5	16 114.3	- -	18 113.2	17 110.4	1 -	62 174.6	53 184.7	9 132.4
TOTAL DEATHS	178 7.9	178 8.0	- -	175 13.2	169 13.2	6 14.4	193 11.8	152 12.3	41 10.5
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.5	1 4.5	- -	1 7.6	1 7.8	- -	2 12.3	2 16.2	- -
MALIGNANT NEOPLASMS (140-208)	46 205.1	46 207.0	- -	36 272.1	35 273.1	1 -	32 196.5	26 210.2	6 -
DIABETES MELLITUS (250)	2 8.9	2 9.0	- -	7 52.9	6 46.8	1 -	5 30.7	4 32.3	1 -
DISEASES OF HEART (390-398, 402, 404-429)	71 316.6	71 319.6	- -	61 461.0	60 468.2	1 -	66 405.2	54 436.5	12 -
CEREBROVASCULAR DISEASE (430-438)	8 35.7	8 36.0	- -	8 60.5	8 62.4	- -	19 116.7	16 129.3	3 -
ATHEROSCLEROSIS (440)	2 8.9	2 9.0	- -	1 7.6	1 7.8	- -	1 6.1	1 8.1	- -
PNEUMONIA AND INFLUENZA (480-487)	8 35.7	8 36.0	- -	5 37.8	5 39.0	- -	2 12.3	2 16.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 22.3	5 22.5	- -	10 75.6	10 78.0	- -	10 61.4	7 56.6	3 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	1 7.6	1 7.8	- -	1 6.1	1 8.1	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	1 7.6	1 7.8	- -	2 12.3	- -	2 -
CONGENITAL ANOMALIES (740-759)	1 4.5	1 4.5	- -	1 7.6	1 7.8	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	2 15.1	2 15.6	- -	4 24.6	2 16.2	2 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	1 7.6	1 7.8	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 26.8	6 27.0	- -	11 83.1	11 85.8	- -	13 79.8	11 88.9	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 4.5	1 4.5	- -	8 60.5	8 62.4	- -	7 43.0	6 48.5	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 22.3	5 22.5	- -	3 22.7	3 23.4	- -	6 36.8	5 40.4	1 -
SUICIDE (E950-E959)	4 17.8	4 18.0	- -	3 22.7	3 23.4	- -	4 24.6	3 24.3	1 -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 4.5	1 4.5	- -	1 7.6	- -	1 -	- -	- -	- -
ALL OTHER CAUSES	23 102.6	23 103.5	- -	25 189.0	23 179.5	2 -	32 196.5	23 185.9	9 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	GALLATIN			GERMANTOWN			GREENEVILLE		
	ALL RACES 20,862 NO. RATE	WHITE 16,929 NO. RATE	OTHER RACES 3,933 NO. RATE	ALL RACES 23,350 NO. RATE	WHITE 22,740 NO. RATE	OTHER RACES 610 NO. RATE	ALL RACES 15,171 NO. RATE	WHITE 13,053 NO. RATE	OTHER RACES 1,318 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	367 17.6	271 16.0	96 24.4	292 12.5	274 12.0	17 27.9	179 11.8	157 11.3	22 16.7
ILLEGITIMATE BIRTHS	120 32.7	54 19.9	66 68.8	19 6.5	16 5.8	3 17.6	69 38.5	52 33.1	17 77.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	26 7.1	14 5.2	12 12.5	11 3.8	11 4.0	- -	15 8.4	14 8.9	1 4.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7 19.1	4 14.8	3 31.3	- -	- -	- -	3 16.8	3 19.1	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 10.9	3 11.1	1 10.4	- -	- -	- -	3 16.8	3 19.1	- -
UNDER 7 DAYS OF AGE	4 10.9	3 11.1	1 10.4	- -	- -	- -	2 11.2	2 12.7	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 5.6	1 6.4	- -
FETAL DEATHS	2 5.4	2 7.4	- -	3 10.3	2 7.3	1 58.8	1 5.6	1 6.4	- -
INDUCED ABORTIONS	40 109.0	34 124.1	6 64.5	73 250.0	66 238.3	7 500.0	52 290.5	51 318.8	1 52.6
TOTAL DEATHS	213 10.2	174 10.3	39 9.9	99 4.2	96 4.2	3 4.9	182 12.0	174 12.6	8 6.1
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	1 4.3	1 4.4	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	55 263.6	50 295.4	5 -	29 124.2	28 123.1	1 -	39 257.1	35 252.7	4 -
DIABETES MELLITUS (250)	5 24.0	3 17.7	2 -	- -	- -	- -	3 19.8	3 21.7	- -
DISEASES OF HEART (390-398, 402, 404-429)	78 373.9	60 354.4	18 -	36 154.2	35 153.9	1 -	71 468.0	70 505.3	1 -
CEREBROVASCULAR DISEASE (430-438)	14 67.1	12 70.9	2 -	4 17.1	4 17.6	- -	14 92.3	13 93.8	1 -
ATHEROSCLEROSIS (440)	1 4.8	1 5.9	- -	2 8.6	2 8.8	- -	2 13.2	2 14.4	- -
PNEUMONIA AND INFLUENZA (480-487)	7 33.6	6 35.4	1 -	- -	- -	- -	8 52.7	8 57.7	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	10 47.9	9 53.2	1 -	5 21.4	5 22.0	- -	4 26.4	4 28.9	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 19.2	2 11.8	2 -	1 4.3	1 4.4	- -	3 19.8	3 21.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 24.0	4 23.6	1 -	- -	- -	- -	1 6.6	1 7.2	- -
CONGENITAL ANOMALIES (740-759)	1 4.8	1 5.9	- -	- -	- -	- -	1 6.6	1 7.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4 19.2	3 17.7	1 -	- -	- -	- -	2 13.2	2 14.4	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 4.8	- -	1 -	- -	- -	- -	1 6.6	1 7.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11 52.7	9 53.2	2 -	5 21.4	4 17.6	1 -	8 52.7	7 50.5	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	4 19.2	4 23.6	- -	2 8.6	2 8.8	- -	4 26.4	3 21.7	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 33.6	5 29.5	2 -	3 12.8	2 8.8	1 -	4 26.4	4 28.9	- -
SUICIDE (E950-E959)	2 9.6	2 11.8	- -	2 8.6	2 8.8	- -	2 13.2	2 14.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	2 9.6	1 5.9	1 -	- -	- -	- -	1 6.6	- -	1 -
ALL OTHER CAUSES	13 62.3	11 65.0	2 -	14 60.0	14 61.6	- -	22 145.0	22 158.8	- -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	HENDERSONVILLE			HUMBOLDT			JACKSON		
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 33,080 NO. RATE	WHITE 32,353 NO. RATE	OTHER RACES 727 NO. RATE	ALL RACES 10,584 NO. RATE	WHITE 6,403 NO. RATE	OTHER RACES 4,181 NO. RATE	ALL RACES 54,077 NO. RATE	WHITE 34,554 NO. RATE	OTHER RACES 19,523 NO. RATE
LIVE BIRTHS	460 13.9	443 13.7	17 23.4	132 12.5	51 8.0	81 19.4	864 16.0	371 10.7	493 25.3
ILLEGITIMATE BIRTHS	71 15.4	63 14.2	8 47.1	73 55.3	11 21.6	62 76.5	403 46.6	54 14.6	349 70.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	18 3.9	17 3.8	1 5.9	8 6.1	2 3.9	6 7.4	75 8.7	22 5.9	53 10.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 2.2	1 2.3	- -	- -	- -	- -	14 16.2	5 13.5	9 18.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.2	1 2.3	- -	- -	- -	- -	9 10.4	3 8.1	6 12.2
UNDER 7 DAYS OF AGE	1 2.2	1 2.3	- -	- -	- -	- -	9 10.4	3 8.1	6 12.2
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	1 2.2	1 2.3	- -	- -	- -	- -	4 4.6	1 2.7	3 6.1
INDUCED ABORTIONS	37 80.4	35 78.1	2 166.7	28 212.1	19 372.5	9 111.1	225 260.4	123 325.4	101 207.8
TOTAL DEATHS	178 5.4	175 5.4	3 4.1	122 11.5	75 11.7	47 11.2	612 11.3	404 11.7	208 10.7
CAUSE OF DEATH									
SEPTICEMIA (038)	2 6.0	2 6.2	- -	- -	- -	- -	4 7.4	2 5.8	2 10.2
MALIGNANT NEOPLASMS (140-208)	53 160.2	51 157.6	2 -	23 217.3	12 187.4	11 -	129 238.5	83 240.2	46 235.6
DIABETES MELLITUS (250)	2 6.0	1 3.1	1 -	4 37.8	2 31.2	2 -	9 16.6	7 20.3	2 10.2
DISEASES OF HEART (390-398,402,404-429).....	47 142.1	47 145.3	- -	46 434.6	31 484.1	15 -	199 368.0	138 399.4	61 312.5
CEREBROVASCULAR DISEASE (430-438).....	12 36.3	12 37.1	- -	10 94.5	4 62.5	6 -	65 120.2	34 98.4	31 158.8
ATHEROSCLEROSIS (440)	1 3.0	1 3.1	- -	2 18.9	- -	2 -	8 14.8	5 14.5	3 15.4
PNEUMONIA AND INFLUENZA (480-487)	4 12.1	4 12.4	- -	7 66.1	5 78.1	2 -	9 16.6	8 23.2	1 5.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	6 18.1	6 18.5	- -	2 18.9	2 31.2	- -	24 44.4	22 63.7	2 10.2
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 6.0	2 6.2	- -	1 9.4	1 15.6	- -	7 12.9	6 17.4	1 5.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	2 18.9	- -	2 -	5 9.2	3 8.7	2 10.2
CONGENITAL ANOMALIES (740-759)	1 3.0	1 3.1	- -	1 9.4	- -	1 -	5 9.2	2 5.8	3 15.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	6 11.1	2 5.8	4 20.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	- -	- -	- -	29 53.6	19 55.0	10 51.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12 36.3	12 37.1	- -	5 47.2	4 62.5	1 -	21 38.8	17 49.2	4 20.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	4 12.1	4 12.4	- -	3 28.3	2 31.2	1 -	5 9.2	5 14.5	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 24.2	8 24.7	- -	2 18.9	2 31.2	- -	16 29.6	12 34.7	4 20.5
SUICIDE (E950-E959)	4 12.1	4 12.4	- -	- -	- -	- -	3 5.5	1 2.9	2 10.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 3.0	1 3.1	- -	1 9.4	1 15.6	- -	4 7.4	1 2.9	3 15.4
ALL OTHER CAUSES	31 93.7	31 95.8	- -	18 170.1	13 203.0	5 -	85 157.2	54 156.3	31 158.8

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(Continued)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	JOHNSON CITY			KINGSPORT			KNOXVILLE		
	ALL RACES 51,218 NO. RATE	WHITE 47,414 NO. RATE	OTHER RACES 3,804 NO. RATE	ALL RACES 35,288 NO. RATE	WHITE 33,005 NO. RATE	OTHER RACES 2,283 NO. RATE	ALL RACES 187,660 NO. RATE	WHITE 155,425 NO. RATE	OTHER RACES 32,235 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	565 11.0	510 10.8	55 14.5	484 13.7	445 13.5	39 17.1	2499 13.3	1911 12.3	587 18.2
ILLEGITIMATE BIRTHS	128 22.7	99 19.4	29 52.7	132 27.3	106 23.8	26 66.7	811 32.5	408 21.4	402 68.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	48 8.5	39 7.6	9 16.4	34 7.0	30 6.7	4 10.3	224 9.0	151 7.9	73 12.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10 17.7	8 15.7	2 36.4	6 12.4	4 9.0	2 51.3	31 12.4	21 11.0	10 17.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 7.1	3 5.9	1 18.2	5 10.3	3 6.7	2 51.3	17 6.8	12 6.3	5 8.5
UNDER 7 DAYS OF AGE	3 5.3	3 5.9	- -	3 6.2	2 4.5	1 25.6	16 6.4	12 6.3	4 6.8
7-27 DAYS OF AGE	1 1.8	- -	1 18.2	2 4.1	1 2.2	- -	1 0.4	- -	1 1.7
FETAL DEATHS	2 3.5	1 2.0	1 18.2	4 8.3	4 9.0	- -	13 5.2	12 6.3	1 1.7
INDUCED ABORTIONS	203 359.3	190 368.2	12 244.9	171 353.3	163 362.2	8 235.3	1404 561.8	1142 587.4	259 467.5
TOTAL DEATHS	522 10.2	494 10.4	28 7.4	450 12.8	432 13.1	18 7.9	1987 10.6	1700 10.9	287 8.9
CAUSE OF DEATH									
SEPTICEMIA (038)	3 5.9	3 6.3	- -	1 2.8	1 3.0	- -	6 3.2	4 2.6	2 6.2
MALIGNANT NEOPLASMS (140-208)	103 201.1	95 200.4	8 -	117 331.6	110 333.3	7 -	456 243.0	400 257.4	56 173.7
DIABETES MELLITUS (250)	23 44.9	22 46.4	1 -	8 22.7	8 24.2	- -	40 21.3	35 22.5	5 15.5
DISEASES OF HEART (390-398,402,404-429).....	141 275.3	135 284.7	6 -	157 444.9	153 463.6	4 -	545 290.4	464 298.5	81 251.3
CEREBROVASCULAR DISEASE (430-438).....	40 78.1	37 78.0	3 -	27 76.5	27 81.8	- -	122 65.0	108 69.5	14 43.4
ATHEROSCLEROSIS (440)	8 15.6	8 16.9	- -	3 8.5	3 9.1	- -	46 24.5	41 26.4	5 15.5
PNEUMONIA AND INFLUENZA (480-487)	15 29.3	14 29.5	1 -	15 42.5	14 42.4	1 -	61 32.5	54 34.7	7 21.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	21 41.0	21 44.3	- -	27 76.5	26 78.8	1 -	72 38.4	68 43.8	4 12.4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 13.7	6 12.7	1 -	5 14.2	5 15.1	- -	25 13.3	23 14.8	2 6.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 3.9	2 4.2	- -	2 5.7	2 6.1	- -	14 7.5	10 6.4	4 12.4
CONGENITAL ANOMALIES (740-759)	2 3.9	1 2.1	1 -	1 2.8	1 3.0	- -	9 4.8	5 3.2	4 12.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5 9.8	5 10.5	- -	3 8.5	1 3.0	2 -	12 6.4	8 5.1	4 12.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19 37.1	19 40.1	- -	3 8.5	3 9.1	- -	181 96.5	141 90.7	40 124.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	39 76.1	38 80.1	1 -	14 39.7	13 39.4	1 -	60 32.0	55 35.4	5 15.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	13 25.4	13 27.4	- -	5 14.2	5 15.1	- -	34 18.1	33 21.2	1 3.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	26 50.8	25 52.7	1 -	9 25.5	8 24.2	1 -	26 13.9	22 14.2	4 12.4
SUICIDE (E950-E959)	3 5.9	3 6.3	- -	6 17.0	6 18.2	- -	30 16.0	27 17.4	3 9.3
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	2 3.9	1 2.1	1 -	3 8.5	3 9.1	- -	28 14.9	17 10.9	11 34.1
ALL OTHER CAUSES	89 173.8	84 177.2	5 -	58 164.4	56 169.7	2 -	280 149.2	240 154.4	40 124.1

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	LAWRENCEBURG			LEBANON			MCHINNIVILLE		
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 10,970 NO. RATE	WHITE 10,518 NO. RATE	OTHER RACES 452 NO. RATE	ALL RACES 17,004 NO. RATE	WHITE 14,810 NO. RATE	OTHER RACES 2,994 NO. RATE	ALL RACES 12,919 NO. RATE	WHITE 12,292 NO. RATE	OTHER RACES 627 NO. RATE
LIVE BIRTHS	141 12.9	137 13.0	4 8.8	240 13.5	180 12.2	60 20.0	150 11.6	143 11.6	7 11.2
ILLEGITIMATE BIRTHS	31 22.0	28 20.4	3 -	80 33.3	37 20.6	43 71.7	35 23.3	30 21.0	5 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	12 8.5	12 8.8	- -	19 7.9	10 5.6	9 15.0	12 8.0	11 7.7	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 14.2	2 14.6	- -	4 16.7	1 5.6	3 50.0	1 6.7	1 7.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 7.1	1 7.3	- -	2 8.3	1 5.6	1 16.7	1 6.7	1 7.0	- -
UNDER 7 DAYS OF AGE	1 7.1	1 7.3	- -	2 8.3	1 5.6	1 16.7	1 6.7	1 7.0	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	1 4.2	1 5.6	- -	- -	- -	- -
INDUCED ABORTIONS	19 134.8	16 115.9	2 -	41 170.8	36 200.0	4 66.7	24 160.0	19 131.0	5 -
TOTAL DEATHS	140 12.8	139 13.2	1 2.2	197 11.1	167 11.3	30 10.0	178 13.8	170 13.8	8 12.8
CAUSE OF DEATH									
SEPTICEMIA (038)	1 9.1	1 9.5	- -	1 5.6	1 6.8	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	27 246.1	27 256.7	- -	38 213.4	35 236.3	3 -	45 348.3	43 349.8	2 -
DIABETES MELLITUS (250)	2 18.2	2 19.0	- -	6 33.7	5 33.8	1 -	4 31.0	3 24.4	1 -
DISEASES OF HEART (390-398,402,404-429).....	66 601.6	65 618.0	1 -	56 314.5	48 324.1	8 -	60 464.4	57 463.7	3 -
CEREBROVASCULAR DISEASE (430-438).....	6 54.7	6 57.0	- -	25 140.4	22 148.5	3 -	14 108.4	14 113.9	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	- -	- -	- -	1 7.7	1 8.1	- -
PNEUMONIA AND INFLUENZA (480-487)	5 45.6	5 47.5	- -	5 28.1	3 20.3	2 -	8 61.9	8 65.1	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	5 45.6	5 47.5	- -	7 39.3	7 47.3	- -	12 92.9	12 97.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 9.1	1 9.5	- -	1 5.6	1 6.8	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	1 5.6	1 6.8	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	1 9.1	1 9.5	- -	1 5.6	1 6.8	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 9.1	1 9.5	- -	2 11.2	- -	2 -	1 7.7	1 8.1	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	3 16.9	2 13.5	1 -	4 31.0	4 32.5	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8 72.9	8 76.1	- -	5 28.1	3 20.3	2 -	9 69.7	9 73.2	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	2 18.2	2 19.0	- -	3 16.9	2 13.5	1 -	7 54.2	7 56.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 54.7	6 57.0	- -	2 11.2	1 6.8	1 -	2 15.5	2 16.3	- -
SUICIDE (E950-E959)	1 9.1	1 9.5	- -	2 11.2	2 13.5	- -	4 31.0	4 32.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 9.1	1 9.5	- -	4 22.5	2 13.5	2 -	- -	- -	- -
ALL OTHER CAUSES	15 136.7	15 142.6	- -	40 224.7	34 229.6	6 -	16 123.8	14 113.9	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	MARYVILLE			MEMPHIS			MILLINGTON		
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 19,316 NO. RATE	WHITE 18,680 NO. RATE	OTHER RACES 636 NO. RATE	ALL RACES 712,912 NO. RATE	WHITE 339,632 NO. RATE	OTHER RACES 373,280 NO. RATE	ALL RACES 21,195 NO. RATE	WHITE 17,088 NO. RATE	OTHER RACES 4,107 NO. RATE
LIVE BIRTHS	304 15.8	285 15.3	21 33.0	12450 17.5	3878 11.4	8570 23.0	413 19.5	269 15.7	144 35.1
ILLEGITIMATE BIRTHS	63 20.6	52 18.2	11 52.4	6780 54.5	612 15.8	6167 72.0	93 22.5	33 12.3	60 41.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	19 6.2	17 6.0	2 9.5	1445 11.6	228 5.9	1216 14.2	37 9.0	19 7.1	18 12.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 3.3	1 3.5	- -	207 16.6	40 10.3	167 19.5	7 16.9	4 14.9	3 20.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 3.3	1 3.5	- -	144 11.6	24 6.2	120 14.0	6 14.5	3 11.2	3 20.8
UNDER 7 DAYS OF AGE	1 3.3	1 3.5	- -	116 9.3	19 4.9	97 11.3	4 9.7	1 3.7	3 20.8
7-27 DAYS OF AGE	- -	- -	- -	28 2.2	5 1.3	23 2.7	2 4.8	2 7.4	- -
FETAL DEATHS	2 6.5	2 7.0	- -	76 6.1	11 2.8	65 7.6	1 2.4	1 3.7	- -
INDUCED ABORTIONS	110 359.5	107 371.5	3 166.7	6069 487.5	1970 501.4	4086 479.6	101 244.6	69 248.2	32 237.0
TOTAL DEATHS	231 12.0	227 12.2	4 6.3	6589 9.2	3394 10.0	3195 8.6	101 4.8	81 4.7	20 4.9
CAUSE OF DEATH									
SEPTICEMIA (038)	4 20.7	4 21.4	- -	87 12.2	27 7.9	60 16.1	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	57 295.1	56 299.8	1 -	1520 213.2	823 242.3	697 186.7	31 146.3	29 169.7	2 -
DIABETES MELLITUS (250)	2 10.4	2 10.7	- -	122 17.1	48 14.1	74 19.8	- -	- -	- -
DISEASES OF HEART (390-398,402,404-429)	81 419.3	79 422.9	2 -	2130 298.8	1137 334.8	993 266.0	21 99.1	17 99.5	4 -
CEREBROVASCULAR DISEASE (430-438)	21 108.7	21 112.4	- -	532 74.6	258 76.0	274 73.4	7 33.0	6 35.1	1 -
ATHEROSCLEROSIS (440)	4 20.7	4 21.4	- -	23 3.2	13 3.8	10 2.7	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	8 41.4	7 37.5	1 -	260 36.5	163 48.0	97 26.0	- -	- -	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6 31.1	6 32.1	- -	215 30.2	152 44.8	63 16.9	4 18.9	4 23.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	56 7.9	26 7.7	30 8.0	3 14.2	2 11.7	1 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 10.4	2 10.7	- -	55 7.7	25 7.4	30 8.0	1 4.7	1 5.9	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	42 5.9	19 5.6	23 6.2	3 14.2	- -	3 -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 5.2	1 5.4	- -	126 17.7	16 4.7	110 29.5	4 18.9	3 17.6	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7 36.2	7 37.5	- -	78 10.9	30 8.8	48 12.9	2 9.4	2 11.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 31.1	6 32.1	- -	248 34.8	133 39.2	115 30.8	5 23.6	3 17.6	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	4 20.7	4 21.4	- -	111 15.6	64 18.8	47 12.6	1 4.7	1 5.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 10.4	2 10.7	- -	137 19.2	69 20.3	68 18.2	4 18.9	2 11.7	2 -
SUICIDE (E950-E959)	2 10.4	2 10.7	- -	94 13.2	66 19.4	28 7.5	3 14.2	3 17.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	- -	- -	- -	159 22.3	26 7.7	133 35.6	3 14.2	2 11.7	1 -
ALL OTHER CAUSES	30 155.3	30 160.6	- -	842 118.1	432 127.2	410 109.8	14 66.1	9 52.7	5 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	MORRISTOWN			MURFREESBORO			NASHVILLE		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	24,016 NO. RATE	21,597 NO. RATE	2,419 NO. RATE	38,291 NO. RATE	32,176 NO. RATE	6,115 NO. RATE	505,095 NO. RATE	376,318 NO. RATE	128,777 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	346 14.4	293 13.6	53 21.9	649 16.9	502 15.6	146 23.9	8740 17.3	5874 15.6	2861 22.2
ILLEGITIMATE BIRTHS	106 30.6	78 26.6	28 52.8	186 28.7	99 19.7	86 58.9	2895 33.1	1042 17.7	1852 64.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	41 11.8	27 9.2	14 26.4	64 9.9	45 9.0	19 13.0	768 8.8	384 6.5	384 13.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5 14.5	2 6.8	3 56.6	5 7.7	5 10.0	- -	91 10.4	45 7.7	46 16.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 11.6	2 6.8	2 37.7	3 4.6	3 6.0	- -	51 5.8	27 4.6	24 8.4
UNDER 7 DAYS OF AGE	3 8.7	2 6.8	1 18.9	3 4.6	3 6.0	- -	45 5.1	24 4.1	21 7.3
7-27 DAYS OF AGE	1 2.9	- -	1 18.9	- -	- -	- -	6 0.7	3 0.5	3 1.0
FETAL DEATHS	2 5.8	2 6.8	- -	2 3.1	2 4.0	- -	48 5.5	30 5.1	18 6.3
INDUCED ABORTIONS	100 289.0	93 307.9	7 159.1	157 241.9	118 229.1	39 293.2	2030 232.3	1291 215.9	734 266.6
TOTAL DEATHS	283 11.8	256 11.9	27 11.2	383 10.0	320 9.9	63 10.3	4554 9.0	3465 9.2	1089 8.5
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.2	1 4.6	- -	3 7.8	2 6.2	1 16.4	19 3.8	11 2.9	8 6.2
MALIGNANT NEOPLASMS (140-208)	53 220.7	48 222.3	5 -	97 253.3	80 248.6	17 278.0	1071 212.0	813 216.0	258 200.3
DIABETES MELLITUS (250)	4 16.7	3 13.9	1 -	7 18.3	4 12.4	3 49.1	101 20.0	56 14.9	45 34.9
DISEASES OF HEART (390-398,402,404-429).....	103 428.9	94 435.2	9 -	120 313.4	99 307.7	21 343.4	1533 303.5	1202 319.4	331 257.0
CEREBROVASCULAR DISEASE (430-438).....	37 154.1	34 157.4	3 -	37 96.6	32 99.5	5 81.8	329 65.1	257 68.3	72 55.9
ATHEROSCLEROSIS (440)	4 16.7	3 13.9	1 -	1 2.6	1 3.1	- -	23 4.6	21 5.6	2 1.6
PNEUMONIA AND INFLUENZA (480-487)	10 41.6	9 41.7	1 -	10 26.1	8 24.9	2 32.7	163 32.3	132 35.1	31 24.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	14 58.3	14 64.8	- -	12 31.3	11 34.2	1 16.4	181 35.8	144 38.3	37 28.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 12.5	3 13.9	- -	3 7.8	2 6.2	1 16.4	47 9.3	31 8.2	16 12.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 4.2	1 4.6	- -	2 5.2	2 6.2	- -	40 7.9	26 6.9	14 10.9
CONGENITAL ANOMALIES (740-759)	1 4.2	1 4.6	- -	- -	- -	- -	22 4.4	14 3.7	8 6.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 12.5	1 4.6	2 -	3 7.8	3 9.3	- -	44 8.7	21 5.6	23 17.9
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4 16.7	3 13.9	1 -	1 2.6	1 3.1	- -	33 6.5	22 5.8	11 8.5
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11 45.8	10 46.3	1 -	24 62.7	21 65.3	3 49.1	213 42.2	166 44.1	47 36.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 29.1	6 27.8	1 -	12 31.3	12 37.3	- -	100 19.8	78 20.7	22 17.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 16.7	4 18.5	- -	12 31.3	9 28.0	3 49.1	113 22.4	88 23.4	25 19.4
SUICIDE (E950-E959)	5 20.8	5 23.2	- -	3 7.8	2 6.2	1 16.4	65 12.9	57 15.1	8 6.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	2 8.3	2 9.3	- -	2 5.2	1 3.1	1 16.4	72 14.3	37 9.8	35 27.2
ALL OTHER CAUSES	27 112.4	24 111.1	3 -	58 151.5	51 158.5	7 114.5	598 118.4	455 120.9	143 111.0

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	OAK RIDGE			PARIS			RED BANK		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	29,482 NO. RATE	26,427 NO. RATE	3,055 NO. RATE	11,605 NO. RATE	9,230 NO. RATE	2,375 NO. RATE	14,088 NO. RATE	13,455 NO. RATE	633 NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	260 8.8	213 8.1	47 15.4	115 9.9	86 9.3	29 12.2	43 3.1	39 2.9	4 6.3
ILLEGITIMATE BIRTHS	61 23.5	33 15.5	28 59.6	52 45.2	31 36.0	21 72.4	12 27.9	9 23.1	3 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 7.7	17 8.0	3 6.4	14 12.2	10 11.6	4 13.8	4 9.3	3 7.7	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 11.5	1 4.7	2 42.6	3 26.1	2 23.3	1 34.5	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 7.7	- -	2 42.6	- -	- -	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	2 7.7	- -	2 42.6	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	2 7.7	1 4.7	1 21.3	1 8.7	- -	1 34.5	- -	- -	- -
INDUCED ABORTIONS	70 269.2	56 258.1	13 302.3	41 356.5	27 306.8	14 518.5	18 418.6	14 341.5	4 -
TOTAL DEATHS	259 8.8	242 9.2	17 5.6	171 14.7	138 15.0	33 13.9	87 6.2	85 6.3	2 3.2
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	1 8.6	1 10.8	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	65 220.5	62 234.6	3 -	37 318.8	28 303.4	9 -	19 134.9	19 141.2	- -
DIABETES MELLITUS (250)	7 23.7	7 26.5	- -	4 34.5	3 32.5	1 -	3 21.3	2 14.9	1 -
DISEASES OF HEART (390-398,402,404-429)	65 220.5	58 219.5	7 -	72 620.4	58 628.4	14 -	31 220.0	31 230.4	- -
CEREBROVASCULAR DISEASE (430-438)	21 71.2	20 75.7	1 -	17 146.5	15 162.5	2 -	8 56.8	8 59.5	- -
ATHEROSCLEROSIS (440)	2 6.8	2 7.6	- -	1 8.6	1 10.8	- -	1 7.1	1 7.4	- -
PNEUMONIA AND INFLUENZA (480-487)	11 37.3	10 37.8	1 -	5 43.1	5 54.2	- -	1 7.1	1 7.4	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12 40.7	12 45.4	- -	3 25.9	2 21.7	1 -	6 42.6	6 44.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 3.4	1 3.8	- -	2 17.2	1 10.8	1 -	1 7.1	1 7.4	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 3.4	1 3.8	- -	3 25.9	3 32.5	- -	1 7.1	1 7.4	- -
CONGENITAL ANOMALIES (740-759)	2 6.8	2 7.6	- -	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 6.8	- -	2 -	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11 37.3	11 41.6	- -	- -	- -	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10 33.9	10 37.8	- -	4 34.5	4 43.3	- -	1 7.1	1 7.4	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 23.7	7 26.5	- -	1 8.6	1 10.8	- -	1 7.1	1 7.4	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 10.2	3 11.4	- -	3 25.9	3 32.5	- -	- -	- -	- -
SUICIDE (E950-E959)	4 13.6	3 11.4	1 -	2 17.2	1 10.8	1 -	3 21.3	3 22.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 3.4	- -	1 -	2 17.2	- -	2 -	1 7.1	- -	1 -
ALL OTHER CAUSES	44 149.2	43 162.7	1 -	18 155.1	16 173.3	2 -	11 78.1	11 81.8	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	SHELBYVILLE			SPRINGFIELD			TULLAHOMA		
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 14,906 NO. RATE	WHITE 12,334 NO. RATE	OTHER RACES 2,572 NO. RATE	ALL RACES 12,667 NO. RATE	WHITE 8,457 NO. RATE	OTHER RACES 4,210 NO. RATE	ALL RACES 17,550 NO. RATE	WHITE 16,242 NO. RATE	OTHER RACES 1,308 NO. RATE
LIVE BIRTHS	208 14.0	172 13.9	36 14.0	201 15.9	126 14.9	75 17.8	260 14.8	226 13.9	34 26.0
ILLEGITIMATE BIRTHS	71 34.1	45 26.2	26 72.2	79 39.3	25 19.8	54 72.0	75 28.8	55 24.3	20 58.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	17 8.2	14 8.1	3 8.3	17 8.5	6 4.8	11 14.7	20 7.7	15 6.6	5 14.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 4.8	1 5.8	- -	1 5.0	- -	1 13.3	4 15.4	3 13.3	1 29.4
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 4.8	1 5.8	- -	1 5.0	- -	1 13.3	1 3.8	1 4.4	- -
UNDER 7 DAYS OF AGE	1 4.8	1 5.8	- -	1 5.0	- -	1 13.3	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 3.8	1 4.4	- -
FETAL DEATHS	5 24.0	4 23.3	1 27.8	1 5.0	- -	1 13.3	1 3.8	1 4.4	- -
INDUCED ABORTIONS	12 57.7	11 62.9	1 30.3	23 114.4	13 102.4	10 135.1	16 61.5	14 59.8	2 76.9
TOTAL DEATHS	169 11.3	152 12.3	17 6.6	150 11.8	104 12.3	46 10.9	175 10.0	159 9.8	16 12.2
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	3 17.1	2 12.3	1 -
MALIGNANT NEOPLASMS (140-208)	41 275.1	38 308.1	3 -	34 268.4	27 319.3	7 -	38 216.5	36 221.6	2 -
DIABETES MELLITUS (250)	4 26.8	3 24.3	1 -	4 31.6	3 35.5	1 -	5 28.5	3 18.5	2 -
DISEASES OF HEART (390-398,402,404-429).....	55 369.0	45 364.8	10 -	44 347.4	34 402.0	10 -	62 353.3	55 338.6	7 -
CEREBROVASCULAR DISEASE (430-438).....	21 140.9	21 170.3	- -	15 118.4	7 82.8	8 -	19 108.3	19 117.0	- -
ATHEROSCLEROSIS (440)	1 6.7	1 8.1	- -	3 23.7	3 35.5	- -	2 11.4	2 12.3	- -
PNEUMONIA AND INFLUENZA (480-487)	1 6.7	1 8.1	- -	3 23.7	2 23.6	1 -	6 34.2	5 30.8	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	3 20.1	3 24.3	- -	8 63.2	7 82.8	1 -	9 51.3	9 55.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 6.7	1 8.1	- -	2 15.8	2 23.6	- -	4 22.8	4 24.6	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 13.4	2 16.2	- -	2 15.8	2 23.6	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	3 20.1	3 24.3	- -	1 7.9	- -	1 -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 6.7	1 8.1	- -	- -	- -	- -	2 11.4	1 6.2	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 6.7	1 8.1	- -	2 15.8	1 11.8	1 -	1 5.7	1 6.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8 53.7	8 64.9	- -	3 23.7	1 11.8	2 -	5 28.5	4 24.6	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 40.3	6 48.6	- -	2 15.8	1 11.8	1 -	2 11.4	1 6.2	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 13.4	2 16.2	- -	1 7.9	- -	1 -	3 17.1	3 18.5	- -
SUICIDE (E950-E959)	2 13.4	2 16.2	- -	2 15.8	2 23.6	- -	3 17.1	3 18.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	- -	- -	- -	4 31.6	1 11.8	3 -	- -	- -	- -
ALL OTHER CAUSES	25 167.7	22 178.4	3 -	23 181.6	12 141.9	11 -	16 91.2	15 92.4	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	UNION CITY								
	ALL RACES 11,373 NO. RATE	WHITE 8,919 NO. RATE	OTHER RACES 2,454 NO. RATE	ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE	ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE
ESTIMATED POPULATION, DECEMBER 1, 1988									
LIVE BIRTHS	155 13.6	112 12.6	43 17.5						
ILLEGITIMATE BIRTHS	42 27.1	13 11.6	29 67.4						
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	11 7.1	7 6.3	4 9.3						
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -						
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -						
UNDER 7 DAYS OF AGE	- -	- -	- -						
7-27 DAYS OF AGE	- -	- -	- -						
FETAL DEATHS	- -	- -	- -						
INDUCED ABORTIONS	27 174.2	18 157.9	8 195.1						
TOTAL DEATHS	170 14.9	131 14.7	39 15.9						
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -						
MALIGNANT NEOPLASMS (140-208)	31 272.6	22 246.7	9 -						
DIABETES MELLITUS (250)	2 17.6	1 11.2	1 -						
DISEASES OF HEART (390-398,402,404-429).....	67 589.1	54 605.4	13 -						
CEREBROVASCULAR DISEASE (430-438).....	14 123.1	12 134.5	2 -						
ATHEROSCLEROSIS (440)	12 105.5	8 89.7	4 -						
PNEUMONIA AND INFLUENZA (480-487)	3 26.4	2 22.4	1 -						
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	4 35.2	3 33.6	1 -						
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 8.8	1 11.2	- -						
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 8.8	1 11.2	- -						
CONGENITAL ANOMALIES (740-759)	1 8.8	1 11.2	- -						
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -						
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -						
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9 79.1	6 67.3	3 -						
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 61.5	4 44.8	3 -						
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 17.6	2 22.4	- -						
SUICIDE (E950-E959)	4 35.2	4 44.8	- -						
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 8.8	- -	1 -						
ALL OTHER CAUSES	20 175.9	16 179.4	4 -						

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII-SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY,
RECORDED DATA, TENNESSEE, 1989

County	Recorded Marriages			Recorded Divorces			County	Recorded Marriages			Recorded Divorces		
	Number	Persons Married	Rate	Number	Persons Divorced	Rate		Number	Persons Married	Rate	Number	Persons Divorced	Rate
Total	64,990	129,980	25.9	31,853	63,706	12.7	Lake	99	198	26.5	50	100	13.4
Anderson	847	1,694	23.8	382	764	10.7	Lauderdale	379	758	27.3	194	388	14.0
Bedford	403	806	27.2	270	540	18.2	Lawrence	434	868	23.8	232	464	12.8
Benton	202	404	25.4	108	216	13.6	Lewis	133	266	22.6	51	122	10.4
Bledsoe	109	218	20.8	47	94	9.0	Lincoln	662	1,324	48.0	227	454	16.5
Blount	938	1,876	22.2	607	1,214	14.4	Loudon	402	804	26.5	217	434	14.3
Bradley	991	1,982	25.8	642	1,284	16.7	McMinn	555	1,110	24.6	287	574	12.7
Campbell	942	1,884	47.4	200	400	10.1	McNairy	374	748	30.2	151	302	12.2
Cannon	194	388	35.6	44	88	8.1	Macon	221	442	25.3	105	210	12.0
Carroll	338	676	22.9	213	426	14.4	Madison	867	1,734	21.4	515	1,030	12.7
Carter	660	1,320	24.8	365	730	13.7	Marion	396	792	30.2	182	364	13.9
Cheatham	184	368	13.7	212	424	15.8	Marshall	285	570	27.3	171	342	16.4
Chester	205	410	29.2	151	302	21.5	Maury	592	1,184	21.3	400	800	14.4
Claiborne	425	850	31.3	100	200	7.4	Meigs	116	232	27.0	60	120	14.0
Clay	173	346	43.3	25	50	6.3	Monroe	392	784	24.9	221	442	14.1
Cocke	481	962	31.8	213	426	14.1	Montgomery	1,583	3,166	31.8	882	1,764	17.7
Coffee	477	954	23.0	279	558	13.4	Moore	71	142	27.7	29	58	11.3
Crockett	180	360	23.5	88	176	11.5	Morgan	254	508	27.8	115	230	12.6
Cumberland	479	958	29.6	263	526	16.3	Obion	377	754	21.9	229	458	13.3
Davidson	6,085	12,170	24.1	3,257	6,514	12.9	Overton	235	470	25.2	89	178	9.6
Decatur	149	298	26.0	62	124	10.8	Perry	80	160	24.8	37	74	11.4
DeKalb	187	374	25.4	124	248	16.9	Pickett	91	182	38.3	21	42	8.8
Dickson	466	932	27.2	230	460	13.4	Polk	293	586	40.1	60	120	8.2
Dyer	522	1,044	28.1	338	676	18.2	Putnam	617	1,234	23.3	328	656	12.4
Fayette	260	520	18.5	154	308	11.0	Rhea	307	614	21.8	200	400	14.2
Fentress	224	448	28.1	105	210	13.2	Roane	473	946	17.9	289	578	10.9
Franklin	359	718	20.9	209	418	12.2	Robertson	1,695	3,390	80.6	248	496	11.8
Gibson	611	1,222	24.2	361	722	14.3	Rutherford	1,125	2,250	22.9	712	1,424	14.5
Giles	453	906	34.3	168	336	12.7	Scott	250	500	22.9	59	118	5.4
Grainger	182	364	20.2	110	220	12.2	Sequatchie	161	322	33.9	64	128	13.5
Greene	669	1,338	23.2	490	980	17.0	Sevier	6,789	13,578	280.7	395	790	16.3
Grundy	158	316	20.3	84	168	10.8	Shelby	8,127	16,254	19.1	3,896	7,792	9.2
Hamblen	770	1,540	28.3	403	806	14.8	Smith	151	302	18.7	97	194	12.0
Hamilton	3,070	6,140	19.8	1,923	3,846	12.4	Stewart	156	312	34.1	64	128	14.0
Hancock	97	194	27.4	21	42	5.9	Sullivan	1,647	3,294	21.9	918	1,836	12.2
Hardeman	271	542	21.1	127	254	9.9	Sumner	1,053	2,106	20.1	606	1,212	11.6
Hardin	352	704	29.1	165	330	13.6	Tipton	560	1,120	30.7	556	1,112	30.4
Hawkins	454	908	18.7	346	692	14.3	Trousdale	178	356	52.5	40	80	11.8
Haywood	222	444	20.2	157	314	14.3	Unicoi	206	412	24.7	106	212	12.7
Henderson	285	570	24.3	174	348	14.8	Union	199	398	30.3	56	112	8.5
Henry	329	658	21.4	185	370	12.0	Van Buren	55	110	20.7	32	64	12.0
Hickman	154	308	18.7	92	184	11.1	Warren	377	754	21.0	235	470	13.1
Houston	88	176	24.0	25	50	6.8	Washington	968	1,936	20.4	581	1,162	12.2
Humphreys	187	374	21.7	98	196	11.4	Wayne	172	344	23.4	86	172	11.7
Jackson	139	278	28.1	47	94	9.6	Weakley	317	634	18.5	232	464	13.6
Jefferson	349	698	20.6	250	500	14.8	White	260	520	25.1	148	296	14.3
Johnson	238	476	32.3	131	262	17.8	Williamson	623	1,246	17.0	453	906	12.4
Knox	3,346	6,692	19.7	2,486	4,972	14.6	Wilson	686	1,372	20.3	386	772	11.4
							Other States++	44	88	-	-	-	-

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

++Includes those who received a license in Tennessee but were married in another state.

TABLE VIII-BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS,
RECORDED DATA, TENNESSEE, 1989

County	Births		Infant Deaths		Deaths		County	Births		Infant Deaths		Deaths	
	Number	Rate	Number	Rate	Number	Rate		Number	Rate	Number	Rate	Number	Rate
Total	77,678	15.5	890	11.5	48,515	9.7	Lake	-	-	-	-	5	0.7
Anderson	872	12.2	3	3.4	673	9.4	Lauderdale	1	0.0	2	*	207	7.5
Bedford	268	9.0	1	3.7	229	7.7	Lawrence	454	12.4	1	2.2	290	7.9
Benton	1	0.1	1	*	164	10.3	Lewis	62	5.3	-	-	73	6.2
Bledsoe	-	-	-	-	69	6.6	Lincoln	257	9.3	2	7.8	238	8.6
Blount	825	9.8	2	2.4	663	7.9	Loudon	164	5.4	2	12.2	188	6.2
Bradley	1,154	15.0	5	4.3	650	8.5	McMinn	389	8.6	2	5.1	399	8.9
Campbell	318	8.0	-	-	347	8.7	McNairy	116	4.7	1	8.6	176	7.1
Cannon	6	0.6	-	-	77	7.1	Macon	2	0.1	1	*	91	5.2
Carroll	405	13.7	1	2.5	300	10.2	Madison	2,959	36.5	11	3.7	1,498	18.5
Carter	421	7.9	3	7.1	331	6.2	Marion	2	0.1	1	*	215	8.2
Cheatham	3	0.1	1	*	96	3.6	Marshall	65	3.1	1	15.4	192	9.2
Chester	1	0.1	-	-	53	3.8	Maury	1,449	26.0	6	4.1	552	9.9
Claiborne	5	0.2	1	*	235	8.6	Meigs	-	-	-	-	34	4.0
Clay	-	-	1	*	47	5.9	Monroe	210	6.7	2	9.5	212	6.7
Cocke	228	7.5	-	-	235	7.8	Montgomery	2,638	26.5	15	5.7	571	5.7
Coffee	686	16.6	4	5.8	362	8.7	Moore	1	0.2	-	-	6	1.2
Crockett	-	-	-	-	66	4.3	Morgan	1	0.1	-	-	58	3.2
Cumberland	731	22.6	4	5.5	331	10.2	Obion	528	15.3	1	1.9	374	10.9
Davidson	12,576	24.9	177	14.1	6,480	12.8	Overton	243	13.1	1	4.1	199	10.7
Decatur	-	-	1	*	97	8.5	Perry	49	7.6	-	-	59	9.1
DeKalb	117	8.0	-	-	167	11.4	Pickett	-	-	-	-	8	1.3
Dickson	425	12.4	4	9.4	335	9.8	Polk	2	0.1	1	*	64	4.4
Dyer	836	22.5	5	6.0	363	9.8	Putnam	1,045	19.7	4	3.8	442	8.3
Fayette	164	5.8	2	12.2	181	6.4	Rhea	126	4.5	-	-	148	5.3
Fentress	-	-	-	-	120	7.5	Roane	312	5.9	3	9.6	416	7.9
Franklin	499	14.5	-	-	374	10.9	Robertson	525	12.5	-	-	287	6.8
Gibson	353	7.0	7	19.8	454	9.0	Rutherford	1,514	15.4	7	4.6	908	9.2
Giles	75	2.8	2	25.7	212	8.0	Scott	144	6.6	-	-	145	6.6
Grainger	-	-	-	-	61	3.4	Sequatchie	-	-	-	-	89	9.4
Greene	815	14.1	5	6.1	501	8.7	Sevier	437	9.0	6	13.7	331	6.8
Grundy	42	2.7	-	-	43	2.8	Shelby	19,012	22.4	338	17.8	9,478	11.2
Hamblen	919	16.9	4	4.4	448	8.2	Smith	128	7.9	1	7.8	142	8.8
Hamilton	5,104	19.7	65	10.6	3,300	10.6	Stewart	2	0.2	-	-	54	5.9
Hancock	8	1.1	1	*	46	6.5	Sullivan	2,653	17.7	15	5.7	2,099	14.0
Hardeman	1	0.0	2	*	178	6.9	Sumner	1,226	11.7	6	4.9	600	5.7
Hardin	209	8.6	2	9.6	184	7.6	Tipton	241	6.6	2	8.3	232	6.4
Hawkins	89	1.8	-	-	205	4.2	Trousdale	2	0.3	1	*	60	8.8
Haywood	209	9.5	1	4.8	148	6.7	Unicoi	1	0.1	-	-	132	7.9
Henderson	63	2.7	-	-	146	6.2	Union	2	0.2	-	-	60	4.6
Henry	9	0.3	2	*	319	10.4	Van Buren	-	-	-	-	12	2.3
Hickman	4	0.2	1	*	109	6.6	Warren	394	11.0	1	2.5	314	8.8
Houston	1	0.1	-	-	125	17.1	Washington	1,787	18.8	29	16.2	1,413	14.9
Humphreys	1	0.1	1	*	82	4.8	Wayne	10	0.7	-	-	91	6.2
Jackson	-	-	-	-	72	7.3	Weakley	312	9.1	1	3.2	277	8.1
Jefferson	1	0.0	1	*	219	6.5	White	121	5.8	1	8.3	192	9.3
Johnson	-	-	-	-	71	4.8	Williamson	440	6.0	1	2.3	359	4.9
Knox	7,432	21.8	111	14.9	4,164	12.2	Wilson	774	11.4	3	3.9	395	5.8

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

*Rates based on births are not calculated when the number of births is less than 10.

APPENDICES



APPENDIX A
DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident live births per 1,000 females 15-44 years of age.

Fetal Death (reportable) - A fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more. (Note: Induced abortions are excluded from the fetal death count.)

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, mother married to father item on certificate or report checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Abortion - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Abortion Ratio - The number of induced abortions per 1,000 live births by race of mother.

Infant Death - A death of a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low Birthweight - A live birth weighing less than 2,500 grams.

Low Birthweight Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births. Rates by race for 1970-1974 are by race of child per 10,000 live births (race of mother is not available). Rates by race for 1975-1989 are by race of mother per 10,000 live births.

Neonatal Death - A death of a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Pregnancies - The sum of live births, reportable fetal deaths, and reported induced abortions.

Pregnancy Rate - Number of pregnancies per 1,000 female population aged 10-49.

Prenatal Care - The amount of prenatal care obtained by the mother is determined by information on the certificate of live birth concerning the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "all other races" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographic place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred. Beginning in 1989, recorded data for marriages includes those obtaining a Tennessee license with the ceremony performed out of state.)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. For births, infant deaths,

and fetal deaths, the residence is of the mother. (Resident data for Tennessee include events which occurred to residents of the State irrespective of where the events took place.)

Very Low Birthweight (VLBW) - A live birth weighing less than 1,500 grams.

Notes:

Death rates based on population are not calculated if the population is less than 100.

Death rates for specific causes are not calculated for white or all other races populations of less than 5,000.

In cases where a cause of death is sex-specific, the associated mortality rate is calculated per 100,000 population of the sex at risk.

Percents greater than or equal to 0.0 but less than 0.05 are indicated by 0.0.

Rates based on births are not calculated when the number of births is less than 10.

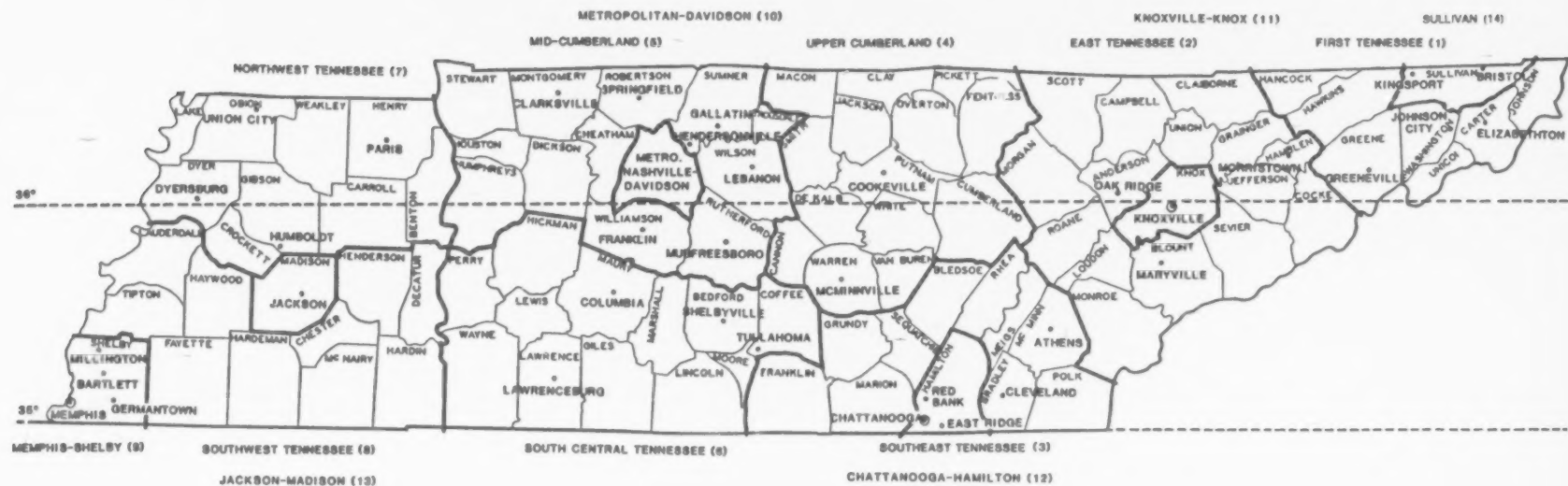
APPENDIX B
CORRESPONDENCE OF CODE NUMBERS FOR THE EIGHTH AND NINTH REVISIONS
INTERNATIONAL CLASSIFICATION OF DISEASES

Category Title According to Ninth Revision	International Classification Code Numbers	
	Ninth Revision	Eighth Revision
Shigellosis and Amebiasis	004, 006	004, 006
Tuberculosis, All Forms	010-018	010-018
Respiratory System	010-012	010-012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034-035	034-035
Meningococcal Infection	036	036
Human Immunodeficiency Virus (HIV)	*042-*044	
Viral Encephalitis	049.8-049.9, 062-064	062-065
Measles	055	055
Viral Hepatitis	070	070, E931.1-E931.2, E931.8-E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090-097	090-097
Malignant Neoplasms, All Sites	140-208	140-207
Digestive Organs and Peritoneum	150-159	150-159
Respiratory and Intrathoracic Organs	160-165	160-163, 194.2
Breast	174-175	174
Female Genital Organs	179-184	180-184
Male Genital Organs	185-187	185-187
Diabetes Mellitus	250	250
Diseases of Heart	390-398, 402, 404-429	390-398, 402, 404-429, 450, 782.4
Ischemic Heart Disease	410-414	410-413
Cerebrovascular Disease	430-438	430-438
Atherosclerosis	440	440
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490-496	490-493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550-553, 560	550-553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574-575	574-575
Nephritis, Nephrotic Syndrome, and Nephrosis	580-589	580-584
Complications of Pregnancy, Childbirth, and the Puerperium	630-676	630-678
Congenital Anomalies	740-759	740-759
Certain Conditions Originating in the Perinatal Period	760-779	760-769.2, 769.4-772, 774-778
Accidents and Adverse Effects	E800-E949	E800-E949
Motor Vehicle Accidents	E810-E825	E810-E823
Suicide	E950-E959	E950-E959
Homicide and Legal Intervention	E960-E978	E960-E978

*These codes are not part of the Ninth Revision International Classification of Diseases.

APPENDIX C
MAP OF TENNESSEE SHOWING THE 95 COUNTIES, THE 37 CITIES OF 10,000 OR MORE POPULATION IN 1980,
AND THE 14 HEALTH DEPARTMENT REGIONS

100



● CITIES OF 100,000 OR MORE POPULATION IN 1980

● CITIES OF 10,000 THROUGH 99,999 POPULATION IN 1980

Errata Note for Tennessee Vital Statistics, 1986 - 1988 page 26:

Year	Estimated Population			Live Births					
	All Races	White	All Other Races	All Races		White		All Other Races	
				No.	Rate	No.	Rate	No.	Rate
Resident									
1978				66,466	15.3	31,183	13.9	15,275	22.6

Please Note: The above correction applies to the 1986 - 1988 Vital Statistics Bulletins rather than the current publication.

Errata Note for Tennessee Vital Statistics, 1988 page 4:

For those who received care, 79.9 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 66.8 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 60.5 percent began care during the first trimester. In contrast, 93.7 percent of the college graduates receiving care began in the first trimester.

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**TENNESSEE
VITAL STATISTICS
1990**



Tennessee Department of Health
Division of Information Resources

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1990

STATE OF TENNESSEE
DEPARTMENT OF HEALTH
NASHVILLE
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TABLE OF CONTENTS

	Page
List of Figures in Text.....	iii
List of Tables in Text.....	iv
List of Summary Tables.....	vi
List of Appendices.....	vii
Introduction.....	1
Discussion of Vital Statistics, 1990.....	3
Births.....	3
Fetal Deaths.....	8
Induced Abortions.....	9
Pregnancies.....	9
Deaths.....	11
Infant Mortality.....	12
Maternal Mortality.....	14
Principal Causes of Death.....	14
Diseases of Heart.....	16
Malignant Neoplasms.....	16
Cerebrovascular Disease.....	17
Accidents and Adverse Effects.....	17
Home Accidents.....	19
Motor Vehicle Accidents.....	19
Chronic Obstructive Pulmonary Disease and Allied Conditions.....	19
Pneumonia and Influenza.....	20
Diabetes Mellitus.....	20
Suicide.....	20
Homicide and Legal Intervention.....	20
Nephritis, Nephrotic Syndrome, and Nephrosis.....	20
Atherosclerosis.....	21
Chronic Liver Disease and Cirrhosis.....	21
Acute Infectious and Parasitic Diseases.....	21
Human Immunodeficiency Virus (HIV) Infection.....	21
Tuberculosis.....	21
Marriages.....	22
Divorces.....	22
Summary.....	25
Summary of Tennessee Resident Vital Statistics for 1990.....	27
Summary Tables.....	28
Appendices.....	99

LIST OF FIGURES IN TEXT

Figure 1. Birth Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1971-1990.....	3
--	---

LIST OF FIGURES IN TEXT (Continued)

	Page
Figure 2. Percentage of Births With Reported Medical Risk Factors. Resident Data, Tennessee, 1990.....	7
Figure 3. Percentage of Births by Method of Delivery, Resident Data, Tennessee, 1990.....	7
Figure 4. Percentage of Births With Reported Maternal Smoking During Pregnancy, by Race, Resident Data, Tennessee, 1990.....	8
Figure 5. Pregnancy Rates Among Teens, Aged 10-17 Years, by Race, Resident Data, Tennessee, 1975-1990.....	10
Figure 6. Age-Adjusted Death Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1971-1990.....	11
Figure 7. Infant Mortality Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1971-1990.....	12
Figure 8. Death Rates per 100,000 Population for Malignant Neoplasms of the Respiratory and Intrathoracic Organs, by Sex, Resident Data, Tennessee, 1971-1990.....	17

LIST OF TABLES IN TEXT

Table 1. Number and Percentage of Births With Hispanic Origin of Father and Mother, Resident Data, Tennessee, 1990.....	3
Table 2. Birth and Death Rates and Rate of Natural Increase per 1,000 Population, by Race, Resident Data, Tennessee, 1990.....	4
Table 3. Number and Percentage of Births According to Weight Group, by Race, Resident Data, Tennessee, 1990.....	4
Table 4. Number and Percentage of Births in Tennessee by Weight Group and Transfer Status, Resident Data, Tennessee, 1990.....	5
Table 5. Number and Percentage of Births According to Age and Race of Mother, Resident Data, Tennessee, 1990.....	5
Table 6. Live Births by Number of Prenatal Visits, by Month of Pregnancy Prenatal Care Began and Race of Mother, Resident Data, Tennessee, 1990.....	5
Table 7. Percentage of Live Births Reported to be Illegitimate, by Race, Resident Data, Tennessee, 1961-1990.....	6
Table 8. Number and Percentage of Obstetric Procedures Reported for Births, Resident Data, Tennessee, 1990.....	7
Table 9. Reported Alcohol and Tobacco Use During Pregnancy, Resident Data, Tennessee, 1990.....	7

LIST OF TABLES IN TEXT (Continued)

Page

Table 10. Number and Percentage of Fetal Deaths According to Weight Group, by Race, Resident Data, Tennessee, 1990.....	8
Table 11. Number and Percentage of Fetal Deaths According to Cause, by Race, Resident Data, Tennessee, 1990.....	8
Table 12. Number of Induced Abortions According to Race of Woman With Ratios per 1,000 Live Births, Resident Data, Tennessee, 1982-1990.....	9
Table 13. Number and Percent Distribution of Induced Abortions According to Age and Race of Woman, Resident Data, Tennessee, 1990.....	9
Table 14. Number of Pregnancies by Race and Age of Woman, With Rates per 1,000 Female Population, Resident Data, Tennessee, 1990.....	10
Table 15. Number of Teen Pregnancies by Race and Age of Woman, With Rates per 1,000 Female Population, Resident Data, Tennessee, 1990.....	10
Table 16. Age-Adjusted Death Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1971-1990.....	11
Table 17. Death Rates per 1,000 Population, by Race, Sex, and Age, Resident Data, Tennessee, 1990.....	12
Table 18. Leading Causes of Infant Deaths With Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1990.....	13
Table 19. Number of Infant Deaths by Age at Death With Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1990.....	13
Table 20. Principal Causes of Death With Rates per 100,000 Population, Resident Data, Tennessee, 1990.....	14
Table 21. Principal Causes of Death With Rates per 100,000 Population, by Sex, Resident Data, Tennessee, 1990.....	15
Table 22. Number of Deaths From Malignant Neoplasms According to Primary Site With Rates per 100,000 Population, by Race, Resident Data, Tennessee, 1990.....	17
Table 23. Number of Deaths from Accidents and Adverse Effects According to Type of Accident With Rates per 100,000 Population, Resident Data, Tennessee, 1990.....	18
Table 24. Number of Deaths from Accidents and Adverse Effects by Class of Accident With Percentages, Resident Data, Tennessee, 1990.....	18
Table 25. Average Annual Death Rates per 100,000 Population for Accidents and Adverse Effects According to Class of Accident, by Age, Resident Data, Tennessee, 1988-1990.....	18

LIST OF TABLES IN TEXT (Continued)

	Page
Table 26. Number of Deaths from Home Accidents According to Type of Accident With Rates per 100.000 Population, by Race, Resident Data, Tennessee, 1990.....	19
Table 27. Number of Marriages Recorded and Persons Married With Rates per 1.000 Population, Tennessee, 1981-1990.....	22
Table 28. Number of Marriages According to Previous Marital Status of Bride and Groom, Recorded Data, Tennessee, 1990.....	22
Table 29. Number of Divorces Recorded and Persons Divorced With Rates per 1.000 Population, Tennessee, 1981-1990.....	22

LIST OF SUMMARY TABLES

Table I. Population, Births and Deaths With Rates per 1.000 Population, Fetal Deaths With Ratios per 1.000 Live Births, and Infant and Neonatal Deaths With Rates per 1.000 Live Births, by Race, Recorded and Resident Data, Tennessee, 1971-1990.....	28
Table II. Deaths From Selected Causes With Rates per 100.000 Population, by Race and Sex, Resident Data, Tennessee, 1971-1990.....	30
Table III. Deaths According to Cause (9th Rev. ICD), by Race, Sex, and Age, Resident Data, Tennessee, 1990.....	40
Table IV. Principal Causes of Death for Eight Age Groups With Rates per 100.000 Population, by Race, Resident Data, Tennessee, 1990.....	46
Table V. Deaths According to 212 Selected Causes (9th Rev. ICD), With Rates per 100.000 Population, by Race, Resident Data, Tennessee, 1990.....	47
Table VI. Births, Infant Deaths, Fetal Deaths, Induced Abortions, and Deaths From Selected Causes (9th Rev. ICD), With Rates, by Race, for the State and for the Counties, Resident Data, Tennessee, 1990.....	52
Table VII. Births, Infant Deaths, Fetal Deaths, Induced Abortions, and Deaths From Selected Causes (9th Rev. ICD), With Rates, by Race, for the Cities of 10.000 or More Population, Resident Data, Tennessee, 1990.....	84
Table VIII. Selected Data on Marriages and Divorces by Recorded County, Tennessee, 1990.....	97
Table IX. Births and Deaths With Rates per 1.000 Population, Infant Deaths With Rates per 1.000 Live Births, Recorded Data, Tennessee, 1990.....	98

LIST OF APPENDICES

	Page
Appendix A Definitions of Terms. Rates. and Ratios.....	101
Appendix B Correspondence of Code Numbers for the <i>Eighth</i> and <i>Ninth</i> Revisions <i>International Classification of Diseases</i>	103
Appendix C Map of Tennessee Showing the 95 Counties.....	104
Appendix D County Location of Cities With Population of 10,000 or More. Tennessee.....	105
Appendix E How to be a Vital Statistician.....	106

TENNESSEE VITAL STATISTICS - 1990

INTRODUCTION

Data from vital records for Tennessee during 1990 are given in this *Vital Statistics Bulletin*, the 64th in a series of annual reports.

An analysis of the vital statistics of Tennessee for the year 1990 is given in the Discussion of Vital Statistics of this Bulletin. Following the analysis, summary tables are presented for the State for the 20 years 1971-1990, inclusive, and also detailed tables for 1990 for the State, the 95 counties, and the cities of 10,000 or more population.

The data in this Bulletin include all vital events occurring during 1990 which were reported to the Office of Vital Records of the Tennessee Department of Health as of April 26, 1991. Copies of certificates and reports for births, deaths, induced abortions, and fetal deaths occurring to Tennessee residents in other states are forwarded to Tennessee in the interstate transfer of these certificates and reports. Thus, it is possible to compile birth, death, induced abortion, and fetal death statistics for Tennessee residents. Since at the present time there is no interstate transfer of marriage and divorce certificates, resident data for these events are not available.

Recorded data are obtained by classifying certificates and reports according to the place of birth, death, fetal death, induced abortion, marriage, or divorce. For certain purposes, such as knowledge of the numbers of births or deaths occurring in hospitals, recorded data are desirable and are presented in some of the summary tables. Many residents of the State and of nearby states use health facilities in the large cities of Tennessee; consequently, the numbers of recorded births, deaths, and induced abortions are large in these cities.

On May 2, 1989 the marriage law (T.C.A. 36-3-103) was amended. Marriages for which the couple obtained a Tennessee marriage license but had a ceremony performed out-of-state are valid and are included in statistical analyses just as those with in-state ceremonies.

Resident data are compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. Resident data are preferable to recorded data for comparing birth, death, and induced abortion rates and ratios for the residents of the counties of Tennessee. Most of the statistics in this report are based on resident data.

On January 1, 1989, the Office of Vital Records for the State of Tennessee began using revised certificates of birth and death and report of fetal death which are based upon, and very similar to, the U. S. Standards in content and format. The modifications and additions made to the Tennessee birth certificate and fetal death report were extensive. The previous revision contained a minimum of medical information whereas the 1989 revision includes check box sections entitled Medical Risk Factors for This Pregnancy, Other Risk Factors for This Pregnancy (tobacco and alcohol use, weight gain), Obstetric Procedures, Complications of Labor and/or Delivery, Methods of Delivery, Abnormal Conditions of the Newborn, and Congenital Anomalies of Child. Additional non-medical items call for information on parents' occupation and business/industry and Hispanic origin. Changes to the Tennessee death certificate were less extensive but still significant. The cause of death section was expanded by the addition of a fourth line to provide

more room for describing the conditions. New items on the 1989 death certificate include education, Hispanic origin, and a check box for autopsy finding available prior to completion of cause of death. The rationale for changes to the two certificates and one report was to provide better and more comprehensive statistical information on public health needs and to measure the effectiveness of initiatives designed to address these problems.

Many factors must be considered for the correct interpretation of vital statistics. Completeness and timeliness of registration is one of these factors. Because of concentrated efforts of the Tennessee Department of Health to record vital events as well as the public's need for vital records, it is believed that most events in Tennessee are registered. Characteristics peculiar to

a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

The population for Tennessee of 4,877,185 used in this Bulletin was calculated using the 1990 Census of Population and Housing, Tennessee. The 1981-1989 estimates were developed by the Division of Information Resources after the 1990 Census was available, using 1980 and 1990 Census data. The elements of this estimated population were used for calculation of rates per population for the State and for the counties by race, sex, and/or age groups. Blacks are estimated to comprise 93.8 percent of the population of all nonwhite races in Tennessee during 1990.

DISCUSSION OF VITAL STATISTICS. 1990

Births: During 1990, there were 74,870 live births to residents of Tennessee, yielding a birth rate of 15.4 per 1,000 population. The number of births showed an increase of 2.4 percent over the 73,137 births reported in 1989. The birth rate of 15.4 in 1990 represented an increase of 2.0 percent over the rate of 15.1 for the preceding year.

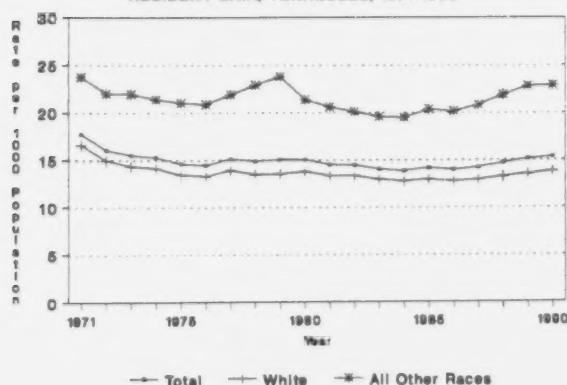
In 1990, resident white births numbered 55,919, an increase of 2.6 percent over the 54,504 births in 1989. The birth rate of 13.8 per 1,000 white population in 1990 was 2.2 percent higher than the rate of 13.5 in 1989. The 18,941 births of races other than white in 1990 represented an increase of 1.7 percent over the 18,620 births in 1989. The birth rate of 22.8 for other races in 1990 remained unchanged from 1989. In 1990, the birth rate for all other races was over one and one-half times the rate for the white population.

record high birth rate of 26.7 occurred in 1947. The patterns of change in the birth rates for the whites and the population of other races have been similar to the trend of the total birth rates, but rates for the population of races other than white have remained at a level approximately one and one-half times higher than that for the white population.

TABLE 1. NUMBER AND PERCENTAGE OF BIRTHS BY
HISPANIC ORIGIN OF FATHER AND MOTHER,
RESIDENT DATA, TENNESSEE, 1990

Ethnicity	Father		Mother	
	Number	Percent	Number	Percent
Total	74,870	100.0	74,870	100.0
Non-Hispanic	58,702	78.4	74,413	99.4
Hispanic	458	0.6	444	0.6
Mexican	250	0.3	230	0.3
Puerto Rican	76	0.1	64	0.1
Central/South American	58	0.1	72	0.1
Cuban	17	0.0	20	0.0
Other and unknown ..	57	0.1	58	0.1
Hispanic status unknown	15,710	21.0	13	0.0

FIGURE 1. BIRTH RATES PER 1,000 POPULATION, BY RACE,
RESIDENT DATA, TENNESSEE, 1971-1990



The trend of the birth rate for the past 20 years is shown in Figure 1. This trend may be described as generally downward, fluctuating throughout the period, 1971-1990, from a high rate of 17.8 per 1,000 live births in 1971, to a record low of 13.9 during 1984. During the last 4 years the rate has shown an upward trend with the 1990 birth rate being the highest since 1973. The

Beginning in 1989, Hispanic origin of father and mother was added to the birth certificate. Only 0.6 percent of both fathers and mothers were of Hispanic origin in 1990 (Table 1). Twenty-one percent of the fathers had unknown Hispanic origin.

During the period 1970-1990, the number of females of childbearing age (15-44 years) in Tennessee increased by 37.5 percent. The general fertility rate (number of resident live births per 1,000 females 15-44 years of age) declined from 85.9 in 1970 to 64.7 in 1990, a decrease of 24.7 percent. From 1970 to 1990, Tennessee age-specific fertility rates (number of live births to women of a specific age group per 1,000 female population in the same age group) decreased 24.1 percent for women aged 20-24 years, while the women aged 30-34 years decreased only 2.6 percent. Women aged 15 to 34 years accounted for 94.1 percent of the births in 1970, and

93.2 percent of the resident births in 1990.

TABLE 2. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

	All Races	White	All Other Races
Birth rate	15.4	13.8	22.8
Death rate	9.5	9.5	9.5
Rate of natural increase ...	5.9	4.3	13.3

Census figures for 1990 show the State's population increased by 286,065 (6.2 percent) from 1980 to 1990, from 4,591,120 to 4,877,185. During 1990, 28,666 Tennesseans were added to the population as a result of natural increase, the excess of births over deaths (Table 2). The 1990 rate of natural increase was 5.9 persons per 1,000 population, 3.5 percent higher than the 1989 rate of 5.7. For the white population, the rate of natural increase was 4.3 per 1,000 population. For races other than white, the rate was 13.3; thus, the rate of natural increase for races other than white was over three times that for whites.

Of the 74,870 resident births in 1990, there were 38,579 males and 36,290 females. This gives a sex ratio of 1.063 male births to 1,000 female births, compared to a ratio of 1.050 in 1989.

During 1990, there were 1,635 resident live births occurring in multiple deliveries; 1,612 births were of twins and 23 births were of triplets. The number of live births occurring in multiple deliveries may not be indicative of the number of sets of multiple births due to one or more members of a set not being born alive.

In 1990, of the total resident births, 74,389 or 99.4 percent occurred in hospitals. For white births, 55,491 or 99.2 percent occurred in hospitals, while for races other than white, 18,890 or 99.7 percent occurred in hospitals. Of the 481 births that were not delivered in hospitals, 86 were attended

by a physician, while 394 births were attended by a certified nurse-midwife, other midwife, or other type of attendant.

TABLE 3. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	74,870	100.0	55,919	100.0	18,941	100.0
Low birthweight	6,160	8.2	3,863	6.6	2,496	13.2
Under 1,000 grams ...	584	0.8	283	0.5	301	1.6
Under 500 grams ...	131	0.2	58	0.1	73	0.4
500-999 grams	453	0.6	225	0.4	228	1.2
1,000-1,499 grams ...	570	0.8	322	0.6	248	1.3
1,500-1,999 grams ...	1,135	1.5	685	1.2	449	2.4
2,000-2,499 grams ...	3,871	5.2	2,373	4.2	1,498	7.5
2,500-2,999 grams ...	12,976	17.3	8,498	15.2	4,476	23.6
3,000-3,499 grams ...	27,676	37.0	20,444	36.6	7,231	38.2
3,500-3,999 grams ...	20,957	28.0	17,152	30.7	3,805	20.1
4,000-4,499 grams ...	5,965	8.0	5,163	9.2	802	4.2
4,500 grams and over ...	1,090	1.5	974	1.7	116	0.6
Unknown weight	46	0.1	25	0.0	15	0.1

Totals may include one or more births with race not stated.

Table 3 shows the distribution of births according to birthweight. During 1990, low birthweight (less than 2,500 grams) babies accounted for 6,160, or 8.2 percent, of total live births. The proportion of low birthweight infants varied by race. Races other than white exhibited a much higher percentage of low weight births when compared with white births, 13.2 percent and 6.6 percent, respectively.

The highest proportion of high birthweight (4,000 grams or more) infants was to whites with 11.0 percent compared with 4.9 percent for races other than white.

During the 10-year period, 1981-1990, the percentage of low birthweight infants has remained relatively stable. However, the percentage change of infants with very low birthweight (VLEW) (less than 1,500 grams) increased 22.2 percent for white infants between the years 1981-1990, while the percentage of other races infants increased 16.0 percent.

The occurrence of maternal and neonatal transfers reflects the

recognition that some mothers and/or their infants require specialized treatment - not available at all hospitals. The percentage of birth certificates indicating the mother was transferred prior to delivery was 1.2 in 1990 (Table 4). Of these maternal

TABLE 4. NUMBER AND PERCENTAGE OF BIRTHS IN TENNESSEE BY WEIGHT GROUP AND TRANSFER STATUS, RESIDENT DATA, TENNESSEE, 1990

Weight Group	Total Births	Baby Transferred		Mother Transferred	
		Number	Percent	Number	Percent
Total	74,870	589	0.8	915	1.2
Under 500 grams ..	131	8	6.1	10	7.6
500-999 grams	453	66	14.6	48	10.6
1,000-1,499 grams ..	570	81	14.2	72	12.6
1,500-1,999 grams ..	1,135	128	11.3	108	9.5
2,000-2,499 grams ..	3,871	157	4.1	133	3.4
2,500-3,499 grams ..	40,652	108	0.3	366	0.9
3,500-4,499 grams ..	26,922	32	0.1	144	0.5
4,500 grams and over	1,090	4	0.4	15	1.4
Unknown weight	46	5	10.9	19	41.3

transfers, 40.5 percent involved births under 2,500 grams. This compares with 8.2 percent low birthweight for all births, indicating that these transfers are occurring for high risk deliveries. The percentage of birth certificates indicating the infant was transferred was 0.8 in 1990. Of these infants who were transferred, 74.7 percent weighed less than 2,500 grams.

TABLE 5. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 1990

Age of Mother	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	74,870	100.0	56,528	100.0	18,331	100.0
Under 15 years	294	0.4	94	0.2	200	1.1
15-17 years	4,503	6.0	2,664	4.7	1,838	10.0
18-19 years	8,388	11.2	5,840	10.3	2,547	13.9
20-24 years	23,090	30.8	16,993	30.1	6,094	33.2
25-29 years	21,380	28.6	17,159	30.4	4,220	23.0
30-34 years	12,443	16.6	10,009	17.7	2,431	13.3
35-39 years	4,185	5.6	3,303	5.8	882	4.7
40-44 years	881	0.8	455	0.8	126	0.7
45 years and over ..	8	0.0	6	0.0	2	0.0

Totals may include one or more births with race of child and/or age of mother not stated.

In 1990, of the 74,870 resident births, 17.6 percent or 13,185 births occurred to mothers less than 20 years

of age (Table 5). Of the 56,528 white births, 8.598 or 15.2 percent occurred to teenage mothers, while 25.0 percent or 4,585 of the 18,331 births of other races were to teenage mothers. Of the total 74,870 resident births, 44,470 or 59.4 percent were to mothers aged 20-29 years; 60.4 percent of white births and 56.3 percent of the births of other races occurred to mothers in this age group.

TABLE 6. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 1990

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began				
		1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
All Races						
Total	74,870	57,098	12,984	2,271	1,202	1,315
No visits	1,202	-	-	-	1,202	-
1-4 visits	3,745	1,223	1,438	1,084	-	-
5-9 visits	14,784	8,059	5,730	992	-	-
10-14 visits	42,740	37,543	5,033	164	-	-
15-19 visits	9,140	8,479	638	23	-	-
20 or more visits ..	1,944	1,794	142	8	-	-
Not stated	1,315	-	-	-	-	1,315
White						
Total	56,528	45,325	8,379	1,405	460	959
No visits	460	-	-	-	460	-
1-4 visits	1,602	452	560	590	-	-
5-9 visits	10,050	5,704	3,681	665	-	-
10-14 visits	34,072	30,378	3,569	125	-	-
15-19 visits	7,763	7,271	472	20	-	-
20 or more visits ..	1,622	1,520	97	5	-	-
Not stated	959	-	-	-	-	959
All Other Races						
Total	18,331	11,770	4,604	866	742	349
No visits	742	-	-	-	742	-
1-4 visits	2,143	771	878	494	-	-
5-9 visits	4,733	2,354	2,052	327	-	-
10-14 visits	8,865	7,183	1,483	36	-	-
15-19 visits	1,377	1,208	166	3	-	-
20 or more visits ..	322	274	45	3	-	-
Not stated	349	-	-	-	-	349

Totals may include one or more births with race not stated.

In 1990, it was indicated on 72,353 or 96.6 percent of the birth certificates that the mother had received some prenatal care (Table 6). A mother was considered to have received prenatal care when the birth certificate contained information specifying the month that prenatal care began and a number of visits greater than zero. On 1,315 or 1.8 percent of the birth certificates, it could not be determined

whether or not the mother had received prenatal care. On 1.6 percent or 1,202 certificates, the mother stated that no prenatal care was received. Mothers of 55,109 white newborns or 97.5 percent received prenatal care, and mothers of 17,240 newborns of other races or 94.0 percent received care.

For those who received care, 82.2 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 68.3 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 63.6 percent began care during the first trimester. In contrast, 94.4 percent of the college graduates receiving care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. In 1990, for mothers with no previous pregnancies, 97.4 percent received prenatal care, while 94.0 percent of those with four previous pregnancies and 89.0 percent of those with six or more previous pregnancies received care.

In 1990, of the 74,870 resident live births in Tennessee, 22,628 or 30.2 percent were reported as illegitimate. This represented a 3.8 percent increase over the percentage of illegitimate births in 1989. Of the total number of illegitimate births to residents of the State, 9,792 were white and 12,833 were of other races. Illegitimate births accounted for 17.5 percent of white births in 1990, while 67.8 percent of births of other races were illegitimate. From 1989 to 1990, the percentage of births reported to be illegitimate in both the white population and the population of races other than white showed increases (8.7 and 1.2, respectively).

Table 7 shows the percentages of births by race which were illegitimate for the 30-year period, 1961-1990. The percentages that were reported as illegitimate for births of races other than white were from 3.9 to 10.6 times those for whites throughout this time period. The percentage of total births reported to be illegitimate increased gradually from 9.3 percent in 1961 to 30.2 percent in 1990. The increase in percentages, however, was greatest among whites.

TABLE 7. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE, BY RACE, RESIDENT DATA, TENNESSEE, 1961-1990

Year	All Races			Year	All Races		
	White	Other Races			White	Other Races	
1961...	9.3	3.0	31.3	1976...	16.5	6.1	53.3
1962...	9.5	3.1	32.1	1977...	16.6	6.7	52.2
1963...	9.7	3.1	32.8	1978...	18.2	7.4	54.1
1964...	9.9	3.2	33.9	1979...	19.1	8.1	55.1
1965...	11.2	3.8	36.4	1980...	19.6	8.8	56.2
1966...	11.3	4.0	37.2	1981...	20.4	9.2	57.0
1967...	11.8	4.1	39.6	1982...	20.9	9.7	58.7
1968...	11.8	4.4	39.1	1983...	22.0	10.5	60.9
1969...	11.8	4.5	39.3	1984...	22.9	11.2	62.0
1970...	12.5	4.6	41.5	1985...	24.3	12.2	63.3
1971...	12.9	4.5	43.9	1986...	25.3	13.0	64.6
1972...	14.4	5.2	47.9	1987...	26.3	13.8	65.3
1973...	14.9	5.3	49.0	1988...	27.6	14.7	66.3
1974...	14.9	5.4	49.3	1989...	29.1	16.1	67.0
1975...	15.8	5.9	50.6	1990...	30.2	17.5	67.8

In 1990, there were 5,744 births recorded in Tennessee to mothers who were residents of other states, U.S. possessions, and foreign countries and 1,340 births recorded in other states to Tennessee mothers. The recorded birth rate of 16.3 per 1,000 population was higher than the resident rate of 15.4. Both rates were also higher in 1990 than in 1989 when the recorded birth rate was 16.0 and the resident birth rate was 15.1.

Beginning in 1989, the newly revised birth certificates provided better information on demographic, behavioral, and medical factors influencing fertility and pregnancy outcomes. Analysis of certain medical risk factors relating to the mother may provide new insight into the causes of low birthweight and other adverse pregnancy

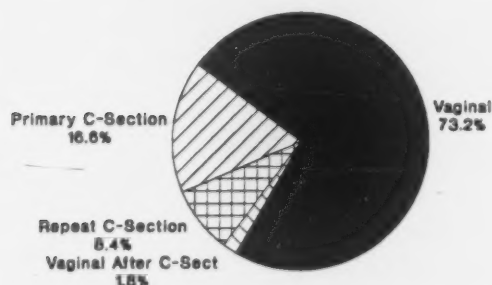
outcomes. Figure 2 shows the distribution of risk factors occurring to Tennessee residents reported on 1990 birth certificates. Of the total 74,870 live births, 76.1 percent reported 'none or unknown medical risk factors for this pregnancy'. The remaining 23.9 percent had one of the 18 risk factors listed on the certificate or specified the presence of an 'other risk factor'.

FIGURE 2. PERCENTAGE OF BIRTHS WITH REPORTED MEDICAL RISK FACTORS, RESIDENT DATA, TENNESSEE, 1990



Data on method of delivery are shown in Figure 3. Vaginal delivery was by far the most common method of delivery, accounting for 73.2 percent of the births with method of delivery reported. Primary cesarean section (C-section) was next at 16.6 percent, followed by repeat C-section at 8.4 percent, followed by vaginal after C-section at 1.8 percent.

FIGURE 3. PERCENTAGE OF BIRTHS BY METHOD OF DELIVERY, RESIDENT DATA, TENNESSEE, 1990



Percentages are based on births with these methods of delivery reported.

births after previous C-section accounted for the remaining 1.8 percent of these births.

TABLE 8. NUMBER AND PERCENTAGE OF OBSTETRIC PROCEDURES REPORTED FOR BIRTHS, RESIDENT DATA, TENNESSEE, 1990

Obstetric Procedures	Number	Percent
Total	74,870	100.0
None	4,239	5.7
Amniocentesis	2,286	3.1
Electronic fetal monitoring - internal	39,340	52.5
Electronic fetal monitoring - external	58,960	78.7
Induction of labor	11,196	15.0
Stimulation of labor	8,554	11.4
Tocolysis	1,225	1.6
Ultrasound	50,716	67.7
Chronic villus sampling	290	0.4
Other	2,907	3.9
Unknown	91	0.1
One or more procedures	70,540	94.2

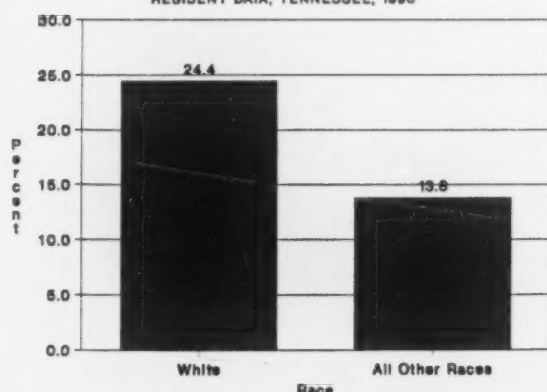
The use of one or more obstetric procedures was reported for 94.2 percent of the 1990 births. The most frequently used procedure was external electronic fetal monitoring reported for 78.7 percent of the births, followed by ultrasound with 67.7 percent. Labor was induced or stimulated for 26.4 percent of the births (Table 8).

TABLE 9. REPORTED ALCOHOL AND TOBACCO USE DURING PREGNANCY, RESIDENT DATA, TENNESSEE, 1990

Alcohol and Tobacco Use	Number	Percent
Total	74,870	100.0
Alcohol use during pregnancy - no	73,204	97.8
Alcohol use during pregnancy - yes	1,518	2.0
Alcohol use unknown	148	0.2
Tobacco use during pregnancy - no	58,432	78.0
Tobacco use during pregnancy - yes	16,345	21.8
Tobacco use unknown	93	0.1

Of the total births in 1990, only 2.0 percent of mothers reported alcohol use during pregnancy, while 21.8 percent reported tobacco use (Table 9). Frequencies and percentages for reported maternal smoking during pregnancy, by race are shown in Figure 4. Of the white mothers, 24.4 percent smoked while 13.8 percent of the mothers of all other races smoked.

FIGURE 4. PERCENTAGE OF BIRTHS WITH REPORTED MATERNAL SMOKING DURING PREGNANCY, BY RACE, RESIDENT DATA, TENNESSEE, 1990



Fetal Deaths: During 1990, there were 442 fetal deaths reported for mothers who were residents of the State. The 1990 fetal death ratio of 5.9 per 1,000 live births increased 1.7 percent over the 1989 ratio of 5.8. However, the fetal death ratio decreased 58.7 percent from 14.3 in 1971 to 5.9 in 1990.

Legal criteria for reporting a fetal death to the Tennessee Department of Health changed during the time period included in this Bulletin. Caution should be exercised when comparing fetal death data from different years. Prior to January 1, 1978, the law required registration of fetal deaths of 20 or more weeks gestation. With the enactment of the Vital Records Act of 1977, to be reported as a fetal death, the fetus must have been of 20 completed weeks or more gestation or weighed 350 grams or more; this reporting requirement was in effect from January 1, 1978 through April 11, 1979. As of April 12, 1979, the Vital Records Act of 1977 was amended so that a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more is reportable.

Of the 442 fetal deaths reported as resident events, 99.1 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered

in hospitals similar to that for live births.

TABLE 10. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	442	100.0	283	100.0	158	100.0
Under 1,000 grams	106	24.0	60	21.2	45	28.5
1,000-1,499 grams	77	17.4	45	15.9	32	20.3
1,500-1,999 grams	73	16.5	49	17.3	24	15.2
2,000-2,499 grams	61	13.8	43	15.2	18	11.4
2,500 grams and over ..	100	24.7	70	27.0	30	19.0
Unknown weight	16	3.6	7	2.5	9	5.7

Totals may include one or more fetal deaths with race not stated.

The distribution of reported fetal deaths by weight at delivery in 1990 is given in Table 10. Of the 442 fetal deaths, 106 or 24.0 percent weighed under 1,000 grams compared with 1989 when there were 126 or 29.9 percent in this weight group. In 1990, of the 283 white fetal deaths, 60 or 21.2 percent weighed under 1,000 grams compared to the 45 or 28.5 percent of the 158 fetal deaths of all other races.

TABLE 11. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Fetal Death	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	442	100.0	283	100.0	158	100.0
Congenital anomalies (740-759)	24	5.4	21	7.4	3	1.9
Maternal conditions which may be unrelated to pregnancy (760.1-760.9)	6	1.6	4	1.4	4	2.5
Maternal complications of pregnancy (760.0,761)	31	7.0	17	6.0	14	8.9
Complications of placenta (762.0-762.3)	63	14.3	44	15.5	19	11.4
Complications of cord (762.4-762.6)	73	16.5	50	17.7	23	14.6
Complications of membranes (762.7-762.9)	7	1.6	2	0.7	5	3.2
Other complications of labor and delivery (763)	4	0.9	3	1.1	1	0.6
Immaturity (765)	23	5.2	10	3.5	13	8.2
Intrauterine hypoxia and birth asphyxia (766)	6	1.6	7	2.5	1	0.6
Other and ill-defined conditions originating in the perinatal period (779)	186	42.1	113	39.9	73	46.2
Other and ill-defined causes	15	3.4	12	4.2	3	1.9

Totals may include one or more fetal deaths with race not stated.

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases, 1975*. Table 11 shows the underlying causes of the 442 fetal deaths by race in 1990.

Complications of cord was the reported leading cause of fetal deaths for all races combined and for both racial groups with complications of placenta the second leading cause. Other and ill-defined conditions originating in the perinatal period was the cause of 42.1 percent of the total fetal deaths in 1990.

Induced Abortions: Beginning with 1982, improved resident data for abortions were available due to better cooperation between the states in the interstate transfer of abortion reports. Because of this improvement, resident abortion data for 1982-1990 are not comparable with resident abortion data from previous years.

In 1990, there were 19,641 abortions performed on women who were residents of Tennessee. This corresponds to a ratio of 262.3 abortions per 1,000 resident live births. Of the 19,641 Tennessee women obtaining abortions, 17,464 or 88.9 percent obtained the abortion in Tennessee while the remainder were obtained in 12 other states and Puerto Rico.

TABLE 12. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS, RESIDENT DATA, TENNESSEE, 1982-1990

Year	All Races		White		All Other Races	
	Number	Ratio	Number	Ratio	Number	Ratio
1982.....	17,811	262.5	13,284	255.3	4,331	286.3
1983.....	17,559	268.2	12,956	255.8	4,597	310.5
1984.....	17,967	276.7	12,541	250.1	5,391	364.7
1985.....	18,155	272.1	12,525	244.4	5,586	361.3
1986.....	18,929	285.7	12,853	253.2	6,058	391.7
1987.....	18,816	276.9	12,558	242.8	6,218	383.5
1988.....	19,305	273.1	12,687	237.1	6,553	381.8
1989.....	18,183	248.6	11,486	208.6	6,880	368.7
1990.....	19,641	262.3	12,437	220.0	7,170	391.1

Totals may include one or more events with race not stated.

There were 12,437 white women and 7,170 women of other races who obtained

abortions in 1990. The ratio of abortions per 1,000 live births was higher for women of other races than for white women (391.1 and 220.0, respectively) Table 12.

TABLE 13. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN, RESIDENT DATA, TENNESSEE, 1990

Age of Woman	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total.....	19,641	100.0	12,437	100.0	7,170	100.0
Under 15 years	211	1.1	110	0.9	101	1.4
15-17 years	1,823	9.3	1,180	9.5	639	8.9
18-19 years	2,946	15.0	1,993	16.0	952	13.3
20-24 years	6,659	33.9	4,081	32.8	2,569	35.8
25-29 years	4,068	20.7	2,480	19.9	1,580	22.0
30-34 years	2,380	12.1	1,526	12.3	846	11.8
35-39 years	1,230	6.3	819	6.6	408	5.7
40-44 years	302	1.5	231	1.9	70	1.0
45 years and over ..	14	0.1	10	0.1	4	0.1
Not stated	8	0.0	7	0.1	1	0.0

Totals may include one or more events with race not stated.

Of the Tennessee women obtaining induced abortions in 1990, 25.4 percent were 19 years of age or younger; 33.9 percent were from 20-24 years of age; and 40.7 percent were 25 years of age or older. This distribution varied slightly according to race as shown in Table 13.

Pregnancies: With the legalization of and resulting increase in abortions, it is important to look at total reported pregnancies to analyze fertility. The number of pregnancies is the sum of live births, reportable fetal deaths, and reported induced abortions for women 10-49 years of age. Table 14 shows the number of pregnancies with rates per 1,000 female population by race and age of woman. The number of pregnancies for 1990 was 94,953 with a rate of 64.7 per 1,000 female population aged 10-49. The rates were higher for all other races than for whites in all age groups. At age 10-14 years, the pregnancy rate for all other races exceeded the white rate by 431.3 percent (8.5 and 1.6, respectively). The rate of 80.9 for all other races aged 30-34 was only 18.4 percent higher than the rate of 68.3 for white females.

TABLE 14. NUMBER OF PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1990

Age of Woman	Pregnancies				
	Total Number	Total Rate	Live Births	Fetal Deaths	Induced Abortions
All Races					
Total	94,953	64.7	74,870	442	19,641
10-14 years	512	3.1	294	7	211
15-17 years	6,360	60.1	4,503	34	1,823
15 years	1,074	30.9	716	5	353
16 years	2,088	59.1	1,437	15	636
17 years	3,198	89.3	2,350	14	834
18 years	4,939	136.8	3,538	21	1,380
19 years	6,450	178.0	4,850	34	1,566
20-24 years	29,862	162.0	23,090	113	6,659
25-29 years	25,548	124.6	21,380	100	4,068
30-34 years	14,897	70.8	12,443	74	2,380
35-39 years	5,423	27.4	4,165	28	1,230
40-44 years	893	4.9	581	10	302
45-49 years	22	0.2	8	-	14
White					
Total	69,248	58.0	56,528	283	12,437
10-14 years	205	1.6	94	1	110
15-17 years	3,863	46.4	2,664	19	1,180
15 years	534	19.6	329	1	204
16 years	1,245	44.8	818	7	420
17 years	2,084	73.9	1,517	11	556
18 years	3,377	118.4	2,437	15	925
19 years	4,494	156.5	3,403	23	1,068
20-24 years	21,142	143.7	16,993	68	4,081
25-29 years	19,704	119.0	17,159	65	2,480
30-34 years	11,589	68.3	10,009	54	1,526
35-39 years	4,140	25.6	3,303	18	819
40-44 years	694	4.5	455	8	231
45-49 years	16	0.1	6	-	10
All Other Races					
Total	25,659	93.3	18,331	158	7,170
10-14 years	307	8.5	200	6	101
15-17 years	2,491	110.3	1,838	14	639
15 years	539	72.3	386	4	149
16 years	840	111.3	619	7	214
17 years	1,112	146.5	833	3	276
18 years	1,561	205.9	1,100	6	455
19 years	1,955	259.7	1,447	11	497
20-24 years	8,708	233.9	6,094	45	2,569
25-29 years	5,835	148.2	4,220	35	1,580
30-34 years	3,297	80.9	2,431	20	846
35-39 years	1,280	35.3	862	10	408
40-44 years	198	7.2	126	2	70
45-49 years	6	0.3	2	-	4

Totals may include one or more events with race and/or age not stated.

Table 15 shows the number of teen pregnancies (age 10-19 years) with rates per 1,000 female population by race and

age of woman for 1990. The rates for other races teens were almost twice as high as for the white teens (85.4 and 44.3, respectively).

TABLE 15. NUMBER OF TEEN PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1990

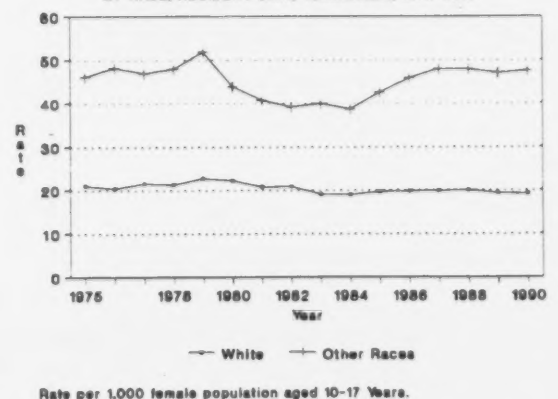
Age	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
10-19 years ..	18,261	53.2	11,939	44.3	6,314	85.4
10-14 years ..	512	3.1	205	1.6	307	8.5
15-17 years ..	6,360	60.1	3,863	46.4	2,491	110.3
18-19 years ..	11,389	157.4	7,871	137.5	3,516	232.7

Totals may include one or more events with race and/or age not stated.

During 1990, 72.2 percent of the reported pregnancies to women under 20 years of age resulted in a live birth, 27.3 percent in an abortion, and 0.5 percent in a fetal death.

The female population 10-17 years of age decreased between 1975 and 1990, from 321,085 in 1975 to 270,980 in 1990, a decrease of over 50,105 or 15.6 percent. For the 16-year period, 1975-1990, the pregnancy rates among teens, (10-17 years of age) decreased 1.9 percent, from 25.9 in 1975, to 25.4 in 1990. For whites in this same age group and period of time, the pregnancy rates decreased 8.6 percent, from 21.0 to 19.2, while the pregnancy rates for teens of all other races increased 3.0

FIGURE 5. PREGNANCY RATES AMONG TEENS, AGED 10-17 YEARS, BY RACE, RESIDENT DATA, TENNESSEE, 1975-1990



percent, from 46.1 in 1975 to 47.5 in 1990 (Figure 5).

Deaths: Beginning with 1979 events, the underlying causes of deaths have been classified under the title numbers of the *Ninth Revision of the International Classification of Diseases*. For the period 1968-1978, data were classified under the title numbers of the *Eighth Revision of the International Classification*.

Because the *Ninth Revision* represents some major changes from the groupings of diseases in the *Eighth Revision*, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Table II is shown according to category titles of the *Ninth Revision*. In order to fit as nearly as possible the deaths by cause for the years prior to 1979 into the same categories as those for 1979-1990, a correspondence of code numbers for the *Eighth* and *Ninth Revisions* was used. This correspondence is shown in Appendix B on page 103.

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979-1990 with that for previous years.

During 1990, deaths to Tennessee residents numbered 46,204, an increase of 1.9 percent over the 45,362 deaths in 1989. The death rate of 9.5 per 1,000 population increased 1.1 percent over the rate of 9.4 in 1989. The average age at death for Tennesseans was 69.4 (65.9 for men and 73.3 for women). Two hundred and forty-one Tennessee residents who died in 1990 were age 100 or older; the oldest man was 107 and the oldest woman was 113 years old.

In 1990, the 38,348 deaths among the white race showed an increase of 2.1 percent over the 37,575 deaths in 1989, and the 7,856 deaths among all other races increased 1.0 percent over the 7,782 deaths during 1989. For the white

race in 1990, the death rate of 9.5 per 1,000 white population represented a 2.2 percent increase over the rate of 9.3 for the preceding year; the death rate of 9.5 per 1,000 population for races other than white remained the same as the rate in 1989.

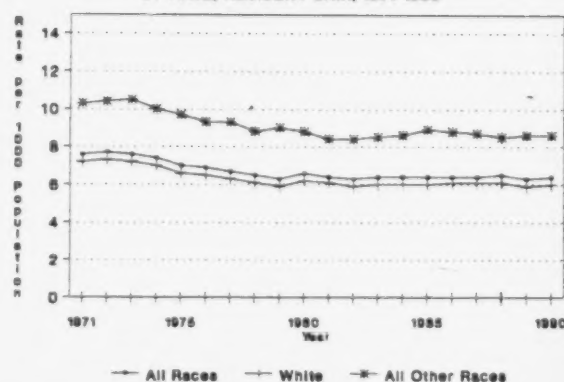
TABLE 16. AGE-ADJUSTED* DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1971-1990

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1971...	7.6	7.2	10.3	1981...	6.4	6.1	8.4
1972...	7.7	7.3	10.4	1982...	6.3	5.9	8.4
1973...	7.6	7.2	10.5	1983...	6.4	6.0	8.5
1974...	7.4	7.0	10.0	1984...	6.4	6.0	8.6
1975...	7.0	6.6	9.7	1985...	6.4	6.0	8.9
1976...	6.9	6.5	9.3	1986...	6.4	6.1	8.8
1977...	6.7	6.3	9.3	1987...	6.4	6.1	8.7
1978...	6.5	6.1	8.8	1988...	6.5	6.1	8.5
1979...	6.3	5.9	9.0	1989...	6.3	5.9	8.6
1980...	6.6	6.2	8.8	1990...	6.4	6.0	8.6

*Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age distribution of the population, age-adjusted death rates have been computed by race for the years 1971-1990 and are shown in Table 16 and Figure 6. These adjusted rates were calculated using the direct method with the total enumerated population of the United States in 1940 as a standard.

FIGURE 6. AGE-ADJUSTED DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, 1971-1990



If the age composition of the population of Tennessee had been the same in 1990 as that of the

United States in 1940, the death rate for the total population would have been 6.4 per 1,000 population rather than the crude rate of 9.5. This adjusted rate for 1990 was 15.8 percent lower than the comparable rate for 1971, while the crude death rate for 1990 was 1.1 percent higher than the crude death rate for 1971. In comparison to 1971, there is an increased number of older persons in the 1990 population among whom the risk of death is greatest. By comparing only crude death rates, the progress made in reducing mortality since 1971 is concealed due to the increasing proportion of older people in the population.

From 1971 to 1990, the age-adjusted death rate for the white population declined by 16.7 percent, while the rate for all other races showed a 16.5 percent decline. The age-adjusted death rate for all other races in 1990 was 43.3 percent higher than that for whites; whereas, the comparison of crude death rates showed that the rates for whites and for other races populations were the same.

TABLE 17. DEATH RATES PER 1,000 POPULATION, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Age Group	All Races		White		All Other Races		
	Total	Total	Male	Female	Total	Male	Female
All ages	9.5	9.5	10.3	8.7	9.5	10.7	8.4
Under 1 year	10.3	8.0	8.9	7.1	16.9	18.0	15.9
1-4 years	0.5	0.4	0.5	0.4	0.8	0.9	0.7
5-9 years	0.2	0.2	0.2	0.2	0.4	0.4	0.4
10-14 years	0.3	0.3	0.4	0.1	0.4	0.4	0.4
15-19 years	0.9	0.9	1.2	0.5	1.2	1.7	0.6
20-24 years	1.3	1.1	1.8	0.5	1.9	3.1	0.7
25-29 years	1.4	1.2	1.8	0.6	2.3	3.6	1.2
30-34 years	1.6	1.4	2.1	0.6	2.9	4.1	1.9
35-44 years	2.3	2.0	2.7	1.3	3.9	5.5	2.5
45-54 years	5.3	4.7	6.2	3.3	8.8	11.8	6.5
55-64 years	13.6	12.7	17.3	8.6	20.2	27.2	15.1
65-74 years	29.2	27.7	38.9	19.2	40.6	53.1	32.1
75-84 years	64.1	62.9	84.9	50.6	72.2	93.8	50.8
85 years and over	157.1	158.1	196.7	144.1	150.4	177.8	137.6

+Rate per 1,000 live births.

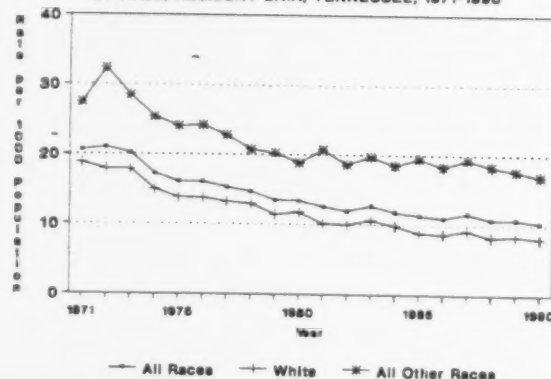
Age-specific death rates by race and sex for 1990 are given in Table 17. In the total population, death rates were high during infancy but were low during childhood years. After 44 years of age, the rates increased sharply and were at

the highest level for persons in the 85 years and over age group. The rates for races other than white were at a higher level than those for whites except in the 85 years and over age group. Mortality was higher among males than among females for all age groups in both races except age group 5-9 for whites where both male and female rates were 0.2 per 1,000 population and in the age group 5-14 for races other than white where both male and female rates were 0.4 per 1,000 population. Males of both races in every age group 15-44 years experienced death rates at least twice as high as their female counterparts.

In 1990, the number of deaths to Tennessee residents was 46,204 or 3,159 fewer than the 49,363 deaths recorded in the State. Thus, there were more deaths of nonresidents occurring in Tennessee (4,148) than there were deaths of Tennessee residents occurring in other states (989).

Infant Mortality: In Tennessee during 1990, there were 770 resident infant deaths, with a record low infant mortality rate of 10.3 per 1,000 live births. The number of infant deaths was 2.4 percent lower than the 789 infant

FIGURE 7. INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1971-1990



deaths in 1989. Figure 7 gives infant mortality rates for the past 20 years. The number of infant deaths and the mortality rates for the years 1971-1990 are given in Table 1.

White infant deaths decreased from 459 deaths in 1989 to 449 deaths in 1990, while infant deaths of races other than white decreased from 330 deaths in 1989 to 321 deaths in 1990. The corresponding infant mortality rates in 1990 were 8.0 for whites and 16.9 for races other than white.

In 1990, there were 430 male infant deaths and 340 female infant deaths. The mortality rate of 11.1 per 1,000 live births experienced by male infants was 18.1 percent higher than the rate of 9.4 for female infants.

TABLE 18. LEADING CAUSES OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Num-ber	Rate	Num-ber	Rate	Num-ber	Rate
All causes	770	10.3	449	8.0	321	16.9
1. Congenital anomalies (740-759)	174	2.3	122	2.2	52	2.7
2. Sudden infant death syndrome (798.0)	112	1.5	66	1.2	46	2.4
3. Disorders relating to short gestation and unspecified low birthweight (765)	86	1.1	32	0.6	54	2.9
4. Respiratory distress syndrome (769)	50	0.7	32	0.6	18	1.0
5. Infections specific to the perinatal period (771)	25	0.3	14	0.3	11	0.6
6. Newborn affected by maternal complication of pregnancy (781)	20	0.3	12	0.2	8	0.4
7. Accidents and adverse effects (E800-E949)	17	0.2	9	0.2	8	0.4
8. Newborn affected by complications of placenta, cord, and membranes (762) ..	13	0.2	9	0.2	4	0.2
9. Intrauterine hypoxia and birth asphyxia (768)	12	0.2	10	0.2	2	0.1
10. Septicemia (038)	7	0.1	2	0.0	5	0.3

Table 18 presents the leading causes of infant deaths during 1990. Among the 770 infant deaths for Tennessee residents, the leading cause of infant mortality was attributed to congenital anomalies with 174 deaths and rate of 2.3 per 1,000 live births. This was also the leading cause of death for white infants with 122 deaths and a rate of 2.2. The leading cause of death for infants other than white was disorders relating to short gestation and unspecified low birthweight with 54 deaths and rate of 2.9.

Sudden infant death syndrome was the second leading cause of death for all races combined with 112 deaths and a rate of 1.5, and was also the second leading cause of white infant mortality, with 66 deaths and a rate of 1.2. For infants other than white, the second leading cause of death was congenital anomalies with 52 deaths and a rate of 2.7.

Mortality rates per 1,000 live births for infants of all other races were higher than those for white infants for all of the causes of death listed in Table 18 except for newborn affected by complications of placenta, cord and membranes, and also, for intrauterine hypoxia and birth asphyxia.

TABLE 19. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Age at Death	All Races		White		All Other Races	
	Num-ber	Rate	Num-ber	Rate	Num-ber	Rate
Total, under 1 year	770	10.3	449	8.0	321	16.9
Neonatal (under 28 days) ..	490	6.5	282	5.0	208	11.0
Under 1 day	276	3.7	161	2.9	115	6.1
1-6 days	104	1.4	60	1.1	44	2.3
7-27 days	110	1.5	61	1.1	49	2.6
Under 1 month	497	6.6	285	5.1	212	11.2
1 month	71	0.9	44	0.8	27	1.4
2 months	49	0.7	25	0.4	24	1.3
3 months	37	0.5	25	0.4	12	0.6
4 months	32	0.4	16	0.3	16	0.8
5 months	19	0.3	12	0.2	7	0.4
6 months	21	0.3	14	0.3	7	0.4
7 months	18	0.2	13	0.2	5	0.3
8 months	9	0.1	7	0.1	2	0.1
9 months	7	0.1	4	0.1	3	0.2
10 months	7	0.1	3	0.1	4	0.2
11 months	3	0.0	1	0.0	2	0.1

Infant deaths by age at death and by race with rates per 1,000 live births are shown for 1990 in Table 19. Of the 770 infant deaths, 63.6 percent or 490 occurred during the neonatal period, the first 27 days of life. The neonatal mortality rate in 1990 was 6.5 per 1,000 live births, 4.4 percent lower than in 1989. Of the 490 neonatal deaths, 276 or 56.3 percent occurred among babies under 1 day of age, and an additional 104 or 21.2 percent died at 1-6 days of age; thus, 77.6 percent of the neonatal deaths occurred within the first week of life.

Of the 490 neonatal deaths in 1990, whites accounted for 282 deaths and other races, 208; corresponding rates were 5.0 per 1,000 white live births and 11.0 per 1,000 live births for all other races. The neonatal mortality rate for infants of other races was more than twice as high as that for white infants. This racial differential represented a slight decrease when compared to that of 1989 when the neonatal mortality rate was 11.9 for other races and 5.1 for white infants.

The two leading causes of death in the neonatal period were congenital anomalies with 117 deaths; followed by disorders relating to short gestation and unspecified low birthweight with 86 deaths.

Mortality in the postneonatal period was much lower than in the neonatal period. In 1990, there were 280 postneonatal deaths with a rate of 3.7 per 1,000 live births. The postneonatal mortality rate of 3.0 per 1,000 live births for white infants decreased by 9.1 percent from the rate of 3.3 in 1989; however, the postneonatal mortality rate of 6.0 for all other races in 1990 increased by 1.7 percent from the comparable rate of 5.9 in the preceding year.

The two leading causes of death in the postneonatal period were sudden infant death syndrome with 102 deaths followed by congenital anomalies with 57 deaths.

Maternal Mortality: Six Tennessee mothers were reported to have died from complications of pregnancy, childbirth, and the puerperium in 1990 giving a maternal mortality rate of 0.8 per 10,000 live births. In 1989, there were two maternal deaths with a corresponding rate of 0.3. Three of the maternal deaths in 1990 were white women and three were of other races. Causes of the maternal deaths and number for each cause were as follows: eclampsia, 1; postpartum hemorrhage, 1; other

complications of obstetrical surgery and procedures, 1; obstetrical pulmonary embolism, 2; and other and unspecified complications of the puerperium not elsewhere classified, 1.

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the *Ninth Revision International Classification of Diseases*, 1975.

TABLE 20. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	Deaths	
	Number	Rate
All causes	46,204	947.3
1. Diseases of heart (390-398, 402, 404-429)	15,415	316.1
2. Malignant neoplasms (140-208)	10,504	215.4
3. Cerebrovascular disease (430-438)	3,622	74.3
4. Accidents and adverse effects (E800-E949)	2,264	46.4
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,876	38.5
6. Pneumonia and influenza (480-487)	1,696	34.8
7. Diabetes mellitus (250)	914	18.7

The seven principal causes of death (as shown in Table 20) accounted for 36,291 or 78.5 percent of the total 46,204 deaths of Tennessee residents in 1990. The leading causes were the same as in 1989. Three of the seven showed increases in the death rates from 1989 to 1990. The death rate in 1990 for pneumonia and influenza showed the largest increase, 11.5 percent higher than the rate of 31.2 in 1989. Other increases are as follows: chronic obstructive pulmonary disease and allied conditions, with an increase of 4.6 percent and malignant neoplasms with an increase of 2.5 percent. The three leading causes of death that showed decreases in rate from 1989 were: accidents and adverse effects, 1.3 percent; diabetes mellitus, 1.1 percent; and diseases of heart, 0.3 percent. There was no change in cerebrovascular disease.

The seven principal causes of death for males and females in 1990 are shown in Table 21. For both males and females, the causes were the same and in the same rank order as in 1989. Of the

six leading causes common to both sexes. death rates were higher for males than for females with the exception of cerebrovascular disease. Of the five leading causes for which death rates for the male population were higher than those for the female population, the greatest relative excess was for accidents and adverse effects where the rate for males was more than two times that for females.

TABLE 21. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	Deaths	
	Number	Rate
Male		
All causes	24,343	1036.3
1. Diseases of heart (390-398, 402, 404-429)	7,955	336.7
2. Malignant neoplasms (140-208)	5,793	246.6
3. Accidents and adverse effects (E800-E949)	1,530	65.1
4. Cerebrovascular disease (430-438)	1,445	61.5
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,146	48.8
6. Pneumonia and influenza (480-487)	822	35.0
7. Suicide (E950-E959)	523	22.3
Female		
All causes	21,861	864.7
1. Diseases of heart (390-398, 402, 404-429)	7,460	295.1
2. Malignant neoplasms (140-208)	4,711	186.3
3. Cerebrovascular disease (430-438)	2,177	86.1
4. Pneumonia and influenza (480-487)	874	34.6
5. Accidents and adverse effects (E800-E949)	734	29.0
6. Chronic obstructive pulmonary disease and allied conditions (490-496)	730	28.9
7. Diabetes mellitus (250)	539	21.3

Table III gives detailed information regarding cause of death by race, sex, and age. Mortality by cause differed by age group and race. (See Table IV for principal causes of death for eight age groups.) For the first four age groups, only five causes are shown due to the small numbers of deaths involved. For the four older age groups, the larger numbers of deaths make the listing of seven causes meaningful.

During 1990, there were 333 deaths of children 1-14 years of age with a rate of 35.0 per 100,000 population. There were 224 deaths among white children with a rate of 30.2 per 100,000 white population and 109 deaths among children of all other races with a rate of 51.7. Accidents and adverse effects was the

leading cause of death for children of all races in this age group as well as for children of both racial groups. For white children 1-14 years of age, there were 111 deaths from accidents or 49.6 percent of the total white deaths; 47 deaths or 43.1 percent of the total deaths of races other than white were from this cause. Malignant neoplasms ranked as the second leading cause of death for children of all races and for white children in this age group, followed by congenital anomalies. Homicide and legal intervention and diseases of heart ranked as the fourth and fifth leading causes of death for all races, but ranked in reverse order for white children. For races other than white in this age group, homicide and legal intervention ranked as the second leading cause of death followed by congenital anomalies. Malignant neoplasms and diseases of heart tied as the fourth leading cause of death.

In the 15-24 year age group, accidents and adverse effects was the leading cause of death with 410 or 50.0 percent of the 820 deaths and with a rate of 55.8. Homicide and legal intervention, was the second leading cause of death, followed by suicide, malignant neoplasms, and diseases of heart. It is noteworthy that 78.3 percent of all deaths in this age group were from external causes which are potentially preventable.

For the age group 25-34 years, the five leading causes of death were the same and in the same rank order as for the preceding age group. Death rates for the leading causes for all races in this age group were higher than those for the age group 15-24 years with the exception of accidents and adverse effects. In this age group, 57.9 percent of the deaths were from external causes.

The five principal causes of death in the age group 35-44 years, were the same as those for the two preceding age groups but in a different rank order.

Malignant neoplasms was the leading cause of death for this age group followed by diseases of heart, accidents and adverse effects, homicide and legal intervention, and suicide. In contrast to the 15-24 year age group, only 30.3 percent of the deaths in the 35-44 year age group were from external causes. Deaths from external causes accounted for one-half of the deaths of persons 1-44 years of age.

In the age group 45-64 years, the leading cause of death was malignant neoplasms, accounting for 3.062 or 35.4 percent of deaths in this age group. Diseases of heart ranked second with 30.7 percent, followed by accidents and adverse effects and cerebrovascular disease. Chronic obstructive pulmonary disease and allied conditions, and chronic liver disease and cirrhosis ranked fifth and sixth, respectively, for ages 45-64 years. Diabetes was the seventh leading cause of death for this age group in 1990.

Diseases of heart was the leading cause of death in the 65-74 year age group with 3.549 deaths or 33.9 percent followed by malignant neoplasms with 3.279 or 31.4 percent. Cerebrovascular disease ranked third followed by chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes mellitus, and accidents and adverse effects.

For the age group 75-84 years, diseases of heart ranked first for the leading cause of death with a total of 4.924 deaths or 37.9 percent. Malignant neoplasms with 2.617 deaths or 20.1 percent of deaths ranked second, followed by cerebrovascular disease, chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes, and accidents and adverse effects.

For the age group 85 years and over, 3.832 or 41.5 percent were attributed to diseases of heart. Cerebrovascular disease and malignant neoplasms ranked

second and third, respectively, in the 85 years and over age group, the reverse order of the two previous age groups. Pneumonia and influenza ranked fourth followed by chronic obstructive pulmonary disease and allied conditions, atherosclerosis, and accidents and adverse effects.

Diseases of Heart: Diseases of heart, the leading cause of death in the State during 1990, accounted for 15.415 deaths, corresponding to a rate of 316.1 per 100,000 population. Deaths due to this cause in 1990 showed an increase of 0.3 percent over the 15,364 deaths in 1989, while the rate decreased by 0.3 percent from the 1989 rate of 317.2. Of the total number of deaths reported to be due to diseases of heart in 1990, there were 10,616 deaths or 68.9 percent classified as ischemic heart disease.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of mortality in Tennessee during 1990, was responsible for 10,504 deaths or a rate of 215.4 per 100,000 population. The number of deaths in 1990 reflected an increase of 3.2 percent over the 10,181 deaths in 1989; and a death rate increase of 2.5 percent over the rate of 210.2 during the preceding year. The white population experienced 8,793 deaths from this cause corresponding to a rate of 217.2, while deaths of persons of other races numbered 1,711 with a rate of 206.4. Comparable death rates for the white population and the population of races other than white in 1989 were 211.1 and 205.6, respectively; thus, the death rate for whites increased 2.9 percent from 1989 to 1990 and that for persons of other races increased 0.4 percent.

Mortality from malignant neoplasms varied according to primary site (as shown in Table 22). In 1990, the most frequently stated primary site was the respiratory and intrathoracic organs for which the death rate of 71.5 per 100,000 population reflected an increase of 5.5 percent increase over the comparable

TABLE 22. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Primary Site	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	10,504	215.4	8,793	217.2	1,711	206.4
Lip, oral cavity, and pharynx (140-149)	162	3.3	134	3.3	28	3.4
Digestive organs and peritoneum (150-159)	2,371	48.6	1,912	47.2	459	55.4
Respiratory and intrathoracic organs (160-165)	3,487	71.5	2,971	73.4	516	62.2
Breast (174-175)	837	17.2	705	17.4	132	15.9
Uterus (179-182)**	234	9.3	176	8.4	58	13.1
Other female genital organs (183-184)**	259	10.2	228	10.9	31	7.0
Male genital organs (185-187)**	634	27.0	480	24.5	154	39.8
Urinary organs (188-189)	397	8.1	342	8.4	55	6.6
Skin (172-173)	196	4.0	181	4.5	15	1.8
Brain (191)	272	5.6	251	6.2	21	2.5
Other and unspecified (170, 171, 190, 192-199)	639	13.1	521	12.9	118	14.2
Leukemia (204-206)	394	8.1	349	8.6	45	5.4
Other lymphatic and hematopoietic tissue (200-203)	622	12.8	543	13.4	79	9.5

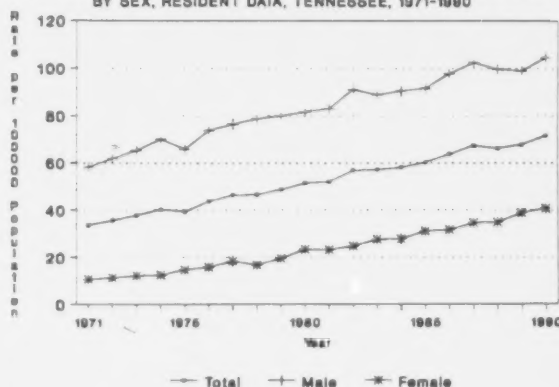
**Rate per sex-specific population.

rate of 67.8 in 1989. The digestive organs and peritoneum, for which the death rate in 1990 was 48.6, ranked second and showed an increase of 0.4 percent over the rate of 48.4 for the preceding year. These two sites accounted for 5,858 deaths or 55.8 percent of all deaths from malignant neoplasms in 1990. In 1990, for the sites skin and brain, the white rates were substantially higher than the rates for other races. For the site male genital organs, the rates were substantially higher for all other races than for the white race.

The mortality rates for malignant neoplasms for most of the major primary sites have remained relatively stable over the 20-year period 1971-1990 (Table 11). For the site respiratory and intrathoracic organs, however, large increases have been noted (Figure 8). The total malignant neoplasm death rate for respiratory and intrathoracic organs increased by 112.8 percent from 33.6 per 100,000 population in 1971 to 71.5 in 1990. The female mortality rate for

this site increased by 284.0 percent in the 20 years from a rate of 10.6 to a rate of 40.7 per 100,000 female population, while the comparable male mortality rate increased by 79.7 percent, from a rate of 58.2 to a rate of 104.6 per 100,000 male population.

FIGURE 8. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS OF THE RESPIRATORY AND INTRATHORACIC ORGANS, BY SEX, RESIDENT DATA, TENNESSEE, 1971-1990



Cerebrovascular Disease: In 1990, deaths from cerebrovascular disease, the third principal cause of death, numbered 3,622, corresponding to a rate of 74.3 per 100,000 population. Among the white population, deaths from this cause numbered 2,976 with a rate of 73.5; among those of all other races, there were 646 deaths with a rate of 77.9. The death rate for the white population showed an increase of 1.1 percent, while the rate for races other than white decreased 5.0 percent from the comparable rate in 1989.

For the years 1971-1990, the death rate for cerebrovascular disease has been higher for white females than white males. In 1974, 1977, and 1980-1990, females of other races have had a higher death rate than their male counterparts.

Accidents and Adverse Effects: Accidents and adverse effects, the fourth principal cause of death, resulted in the deaths of 2,264 Tennessee residents during 1990, corresponding to a rate of 46.4 per 100,000 population. The number of

deaths showed a decrease of 0.6 percent from the 2.277 deaths in 1989, while the rate decreased 1.3 percent from the rate of 47.0 for the preceding year.

For all ages combined, the death rate for males was over two times that for females in both racial groups. The excess mortality in males over females was observed in every age group for both racial groups. The increased mortality from accidents among young people, particularly white males 15-29 years of age, is associated with the high incidence of motor vehicle accidents.

Comparison of mortality from accidents and adverse effects by race and sex, as shown in Table II, indicates that the death rate for white males, all ages combined, was 1.5 percent lower than the comparable rate for males of other races. The death rate for white females, all ages combined, was 27.4 percent higher than the rate for females of other races.

TABLE 23. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS
ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000
POPULATION, RESIDENT DATA, TENNESSEE, 1990

Type of Accident	Deaths	
	Number	Rate
Total	2,264	46.4
Motor vehicle (E810-E825)	1,210	24.8
Water transportation (E830-E838)	25	0.5
Air and space transportation (E840-E845)	16	0.3
Other transport (E800-E807, E826-E829, E846-E848)	17	0.3
Poisoning by drugs, medicaments, and biologicals (E850-E858)	69	1.4
Poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	24	0.5
Falls (E880-E888)	251	5.1
Fire and flames (E890-E899)	125	2.6
Natural and environmental factors (E900-E909)	29	0.6
Drowning and submersion (E910)	90	1.9
Suffocation by food or other object (E911-E912)	87	1.8
Mechanical suffocation (E913)	10	0.2
Struck by falling object (E916)	24	0.5
Machinery (E919)	36	0.7
Firearm missile (E922)	81	1.7
Electric current (E925)	13	0.3
Other (E870-E876, E878-E879, E914-E915, E917-E918, E920-E921, E923-E924, E926-E949)	154	3.2

Data on mortality from accidents and adverse effects according to type of accident in 1990 are given in Table 23. There were 1,210 deaths due to motor

vehicle accidents. The next three most frequently reported types of fatal accidents were: falls, 251; fire and flames, 125; and drowning and submersion, 93.

TABLE 24. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1990

Class of Accident	Number	Percent
Total	2,264	100.0
Home	396	17.5
Motor vehicle	1,210	53.4
Occupational	62	2.7
Other public	325	14.4
Unspecified or unknown	271	12.0

In Table 24, the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 53.4 percent of all accidental deaths; home accidents, 17.5 percent; other public, 14.4 percent; occupational, 2.7 percent; and unspecified accidents, 12.0 percent. In addition to the 62 deaths from occupational accidents, there were 28 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus, the total number of occupational accidental deaths was 90.

TABLE 25. AVERAGE ANNUAL DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT, BY AGE, RESIDENT DATA, TENNESSEE, 1988-1990

Age Group	Home	Motor Vehicle	Occupational	Other Public
All ages	8.6	25.0	1.4	7.3
Under 5 years	13.6	9.2	-	1.6
5-19 years	4.3	6.6	-	1.9
10-14 years	3.6	8.7	-	2.2
15-19 years	3.5	48.2	0.5	4.8
20-24 years	3.6	44.3	1.1	7.0
25-29 years	5.2	34.7	2.1	6.6
30-34 years	7.5	26.9	2.2	5.3
35-44 years	5.7	22.6	2.6	5.9
45-54 years	5.1	19.9	2.3	5.3
55-64 years	9.0	18.9	1.8	7.1
65-74 years	13.8	25.7	1.2	11.3
75-84 years	30.3	32.6	1.0	29.8
85 years and over	92.1	33.8	1.2	77.0

Average annual death rates for each class of accident by age for 1988-1990 are given in Table 25. The risk of a fatal home accident was comparatively

greater for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 26. Home accidents took the lives of 396 Tennessee residents in 1990, yielding a

TABLE 26. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Type of Accident	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	396	8.1	310	7.7	86	10.4
Poisoning	47	1.0	36	0.9	11	1.3
Falls	112	2.3	105	2.6	7	0.8
Fire and flames	116	2.4	77	1.9	39	4.7
Drowning	19	0.4	13	0.3	6	0.7
Suffocation by food or other object	15	0.3	10	0.2	5	0.6
Mechanical suffocation	10	0.2	9	0.2	1	0.1
Firearm misuse	44	0.9	34	0.8	10	1.2
Other	33	0.7	26	0.6	7	0.8

death rate of 8.1 per 100,000 population. Of these, 310 deaths were of white persons and 86 were of persons of other races with death rates of 7.7 and 10.4, respectively. Thus, the rate of mortality from home accidents was 35.1 percent greater for persons of races other than white.

The most frequently reported type of home accident was fire and flames with 116 deaths; falls ranked second with 112 deaths. Together, these two types of accidents accounted for 57.6 percent of all home accidents.

Differences in the risk of mortality between the white population and the population of races other than white varied according to type of home accident. For the white population, the death rate was highest for falls with a mortality rate over three times that for other races. Other races had a mortality rate almost one and one-half times that of whites for deaths due to fire and flames.

Motor Vehicle Accidents: There were 1,210 deaths of Tennessee residents due to motor vehicle accidents, or 24.8 per 100,000 population. The number of deaths was 6.3 percent higher than the comparable figure of 1,138 in 1989. Tennessee's 1990 motor vehicle fatalities included 37 children under 5 years of age, compared to 26 such deaths in 1989.

Most of the fatalities, 97.4 percent, occurred on public highways and rights-of-way. In 520 or 43.0 percent of the total motor vehicle deaths, there was a collision with another motor vehicle, and in an additional 8.4 percent or 102 deaths, there was a collision with a pedestrian. Deaths resulting from non-collision accidents on public highways accounted for 157 deaths or 13.0 percent of the total motor vehicle deaths, and the majority of these were due to loss of control of the vehicle.

Of the 999 deaths of motor vehicle occupants involved in traffic accidents in 1990, 700 or 70.1 percent were not using a seat belt. In 148 or 14.8 percent of the deaths, the seat belt was used. For the remaining 151 or 15.1 percent of the deaths, it was unknown if seat belts were in use.

In 1990, motor vehicle accidents to Tennessee residents caused 2.6 deaths per 10,000 registered vehicles, the same as the rate in 1989.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1990, accounted for 1,876 deaths, giving a death rate of 38.5 per 100,000 population. The rate was 4.6 percent higher than the rate of 36.8 for this group of causes in 1989. The death rate of 41.7 for the white population was almost two times higher than the rate of 22.8 for the population of races other than white. The rate for males of all

rates was over one and one-half that of their female counterparts. Of the 1,876 deaths from this group of causes, 1,384 were assigned to chronic airways obstruction, not elsewhere classified, 297 to emphysema, 109 to asthma, 69 to bronchitis, and 17 to bronchiectasis.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 1,696 deaths of Tennessee residents in 1990, corresponding to a rate of 34.8 per 100,000 population. The death rate for this cause in 1990 showed an increase of 11.5 percent over the comparable rate of 31.2 in 1989. This cause accounted for 1,457 deaths in the white population, while 239 deaths were reported in the population of races other than white.

Thirty-eight Tennessee residents died from influenza in 1990, an increase over the 19 deaths reported in 1989. The influenza death rate of 0.8 was an increase of 100.0 percent over the rate of 0.4 in 1989. Of the 38 deaths from influenza in 1990, 35 occurred to persons 65 years of age and over. In 1989, 12 of the 19 deaths from influenza were in the 65 years and over age group.

During 1990, all deaths from influenza occurred during the first 3 months of the year (January, 22 deaths; February, 14 deaths; and March, 2 deaths).

Pneumonia was responsible for 97.8 percent of all deaths attributed to pneumonia and influenza. The 1,658 deaths due to pneumonia in 1990 represented a 11.3 percent increase relative to the 1,490 deaths in 1989, while the rate of 34.0 in 1990 increased 10.4 percent over the rate of 30.8 in 1989.

Diabetes Mellitus: In 1990, there were 914 deaths of Tennessee residents due to diabetes mellitus, the seventh leading cause of death, corresponding to a rate of 18.7 per 100,000 population. The number of deaths showed a decrease

of 0.1 percent from the 915 deaths in 1989, while the rate decreased 1.1 percent from the rate of 18.9. In 1990, of the 914 deaths, 723 were white and 191 were other races. The death rate of 23.0 for races other than white was 28.5 percent higher than the rate of 17.9 for the white population.

Suicide: There were 654 deaths of Tennessee residents stated to be by suicide in 1990 with a rate of 13.4 per 100,000 population. The number of suicides represented a decrease of 2.5 percent from the 671 suicides in 1989, while the rate decreased 3.6 percent. The death rate of 14.3 for the white population was over one and one-half that of 9.0 for other races. Also, the death rate of 22.3 from suicide for males was over four times the comparable rate of 5.2 for females in 1990.

Homicide and Legal Intervention: In 1990, there were 564 deaths by homicide and legal intervention with a rate of 11.6 per 100,000 population. Both the number and rate of homicides increased 22.1 percent over the 462 homicides and the rate of 9.5 in 1989. The rate of 39.1 for races other than white was over six and one-half times the white rate of 5.9.

Of the 564 homicides, 383 or 67.9 percent of these deaths were due to firearms and explosives, which increased 17.5 percent over 1989. For white males, the death rate of 6.3 remained unchanged from 1989 to 1990. In contrast, the 1990 rate of 48.4 for males of races other than white increased 27.4 percent over the rate of 38.0 in 1989.

Of the 564 deaths from homicide and legal intervention in 1990, the death of 1 white male was attributed to legal intervention as compared with the death of 1 other races male in 1989.

Nephritis, Nephrotic Syndrome, and Nephrosis: In 1990, there were 400 deaths from nephritis, nephrotic

syndrome, and nephrosis corresponding to a rate of 8.2 per 100,000 population. Among the white population, deaths from this cause numbered 289 with a rate of 7.1; among those of other races, there were 111 deaths with a rate of 13.4. The death rate for the white population decreased 1.4 percent from the rate of 7.2 in 1989, while the rate for races other than white increased 14.5 percent over the rate of 11.7 in 1989.

Atherosclerosis: In 1990, there were 405 deaths due to atherosclerosis corresponding to a rate of 8.3 per 100,000 population. For the white population, the rate of 10.6 per 100,000 population for females was 47.2 percent higher than the rate of 7.2 for males. For the population of races other than white, the rate of 5.0 for females was 2.0 percent higher than the rate of 4.9 for males. The rate of 9.7 for females of all races combined in 1990 showed a 11.0 percent decrease from the rate of 10.9 in 1989, while the male rate increased 9.5 percent to 6.9 over the 1989 rate of 6.3. In 1990, there were only 9 deaths from atherosclerosis occurring to persons under 55 years of age in contrast to 179 deaths to persons aged 85 years and over.

Chronic Liver Disease and Cirrhosis: In 1990, there were 508 deaths from chronic liver disease and cirrhosis with a rate of 10.4 per 100,000 population. Of those who died from this cause, 411 were white corresponding to a rate of 10.2, and 97 were of races other than white with a rate of 11.7. The death rate of 10.2 for the white population increased 15.9 percent over the rate of 8.8 in 1989. The rate of 11.7 for the population of races other than white increased 39.3 percent over the rate of 8.4 for the preceding year.

Acute Infectious and Parasitic Diseases: There was one death attributed to the cause streptococcal sore throat, scarlatina, and erysipelas. Other deaths due to infectious diseases included: septicemia, 257; viral

hepatitis, 42; meningococcal infection, 4; syphilis, 4; and viral encephalitis, 3. There were no deaths attributed to amebiasis, Rocky Mountain spotted fever, shigellosis, measles, or whooping cough.

Human Immunodeficiency Virus (HIV) Infection: During 1990, there were 205 deaths (152 whites, 53 of other races) reported from the human immunodeficiency virus (HIV) infection, more commonly referred to as AIDS. The rate was 4.2 per 100,000 population. In 1989, there were 144 deaths with a rate of 3.0 per 100,000 population.

Males accounted for 94.1 percent of the deaths due to AIDS in 1990. Of these 193 males, 143 were aged 25-44 years. AIDS was the sixth leading cause of death among men 25-44 years of age. Of the 12 females who died from AIDS, 10 were in this same age group.

Beginning with data for 1987, the National Center for Health Statistics (NCHS) introduced new category numbers *042-*044 for classifying and coding the human immunodeficiency virus (HIV) infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision of the International Classification of Diseases* (ICD-9). During the period 1983-1986, the condition code 279.1 was used in accordance with instructions from the National Center for Health Statistics in consultation with World Health Organization officials. This code (279.1) was not unique for AIDS; other conditions were also included in the category. Caution should be exercised when comparing 1987-1990 data with previous years.

Tuberculosis: In 1990, the deaths of 41 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 0.8 per 100,000 population. Of these deaths, 30 occurred in the white population and 11 in the population of races other than white. The death rates were 0.7 for whites and 1.3 for all other races; comparable rates for

tuberculosis in 1989 were 1.1 and 1.7, respectively. Mortality from tuberculosis was higher for males of both racial groups than for females. There were only 3 deaths from tuberculosis in 1990 occurring to a person under 45 years of age, in contrast to 29 deaths to persons aged 65 years and over.

Marriages: In 1990, the 45th year for which data for marriages have been analyzed and included in the *Vital Statistics Bulletin*, 67,995 marriages were recorded in Tennessee as shown in Table 27. This represented an increase of 4.6 percent over the 64,990 marriages recorded in 1989. Effective July 1, 1985 the State law requiring a pre-marital medical examination was repealed. This change may have contributed to the increase in number of marriages in Tennessee.

TABLE 27. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1981-1990

Year	Marriages Recorded	Persons Married	
		Number	Rate
1981.....	60,058	120,116	26.0
1982.....	57,891	115,782	25.0
1983.....	56,467	112,934	24.2
1984.....	55,203	110,406	23.6
1985.....	54,997	109,994	23.4
1986.....	59,730	119,460	25.2
1987.....	61,358	122,716	25.7
1988.....	65,326	130,652	27.2
1989.....	64,990	129,980	26.8
1990.....	67,995	135,990	27.9

Effective May 2, 1989, marriages for which the couple obtained a Tennessee marriage license, but had a ceremony performed out of state are now valid. Of the 67,995 recorded marriages, 51 marriages were performed in another state (Table VIII).

During 1990, of the 67,995 marriages recorded in Tennessee, 43.3 percent occurred in 5 counties: Davidson, 6,263; Hamilton, 3,352; Knox, 3,485; Shelby, 8,651; and Sevier (resort town of Gatlinburg), 7,685.

In 1990, the most frequently stated age at marriage was 19 years for the bride and 23 years for the groom.

TABLE 28. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1990

Groom	Total	Bride			
		Single	Widowed	Divorced	Unknown
Total.....	67,995	22,232	2,708	30,591	12,464
Single.....	22,932	17,491	204	5,145	92
Widowed.....	2,184	117	914	1,056	77
Divorced.....	30,046	4,579	1,435	21,364	2,668
Unknown.....	12,853	45	155	3,026	9,627

Data regarding the previous marital status of the bride and groom are shown in Table 28. In 25.7 percent of the marriages, both the bride and groom were marrying for the first time, while in 36.4 percent of the marriages, both the bride and groom had been previously married.

Divorces: In 1990, the 45th consecutive year for which data for divorces have been analyzed and included in the *Vital Statistics Bulletin*, 32,183 divorces were recorded in Tennessee. This represented an increase of 1.0 percent over the 32,183 divorces in 1989. There were 64,366 persons granted divorces in 1990, giving a divorce rate of 13.2 divorced persons per 1,000 population. Table 29 presents the number of divorces recorded and divorce rates for the years 1981-1990.

TABLE 29. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1981-1990

Year	Divorces Recorded	Persons Divorced	
		Number	Rate
1981.....	31,135	62,270	13.5
1982.....	29,765	59,530	12.8
1983.....	29,418	58,836	12.6
1984.....	29,697	59,394	12.7
1985.....	29,860	59,720	12.7
1986.....	30,031	60,062	12.7
1987.....	30,324	60,648	12.7
1988.....	31,287	62,574	13.0
1989.....	31,853	63,706	13.2
1990.....	32,183	64,366	13.2

Of the 32,183 divorces, 3.3 percent or 1,048 were obtained within the first year of marriage, and 47.8 percent or 15,371 were granted to couples who were

married 5 years or less. Divorces were granted to 3.339 couples or 10.4 percent who had been married 20 years or more. No minor children were involved in 49.8 percent or 16.028 of the divorces; for another 26.0 percent or 8.357 of the divorces, only 1 minor child was involved. Ten divorces involved six or more children.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to the number of marriages that occurs in the same time period. The marriages that end in divorce have occurred at various times and in various states.



SUMMARY

SUMMARY OF TENNESSEE RESIDENT VITAL STATISTICS FOR 1990

Population	Total	4,877,185	The total population increased
	White	4,048,068	by 0.7 percent.
	Other Races	829,117	
Live Births			The number, birth rate, and
Number		74,870	fertility rate increased
Birth Rate		15.4	over 1989.
Fertility Rate		64.7	
(per 1,000 females 15-44)			
Fetal Deaths			Both the number and ratio increased
Number		442	over 1989.
Ratio		5.9	
Births to Teenage Mothers (10-17)			The number and percentage decreased
Number		4,797	when compared with 1989.
Percent		6.4	
Induced Abortions			Both the number and ratio increased
Number		19,641	over 1989.
Ratio		262.3	
Total Pregnancies (women 10-49)			The pregnancy rate of 93.3 for women of
Number		94,953	other races was 60.9 percent higher
Rate		64.7	than the rate of 58.0 for white women.
Infant Deaths			Both the number and rate decreased
Number		770	when compared with 1989. The
Rate		10.3	rate is a record low.
Maternal Deaths			Both the number and rate increased
Number		6	in 1990.
Rate		0.8	
Deaths			The crude death rate of 9.5 was the
Number		46,204	same for whites and all other races
Rate		9.5	in 1990.
Malignant Neoplasms			Malignant neoplasms remained the
Number		10,504	second leading cause of death, but
Rate		215.4	reflected an increase in both
			number and rate over 1989.
Deaths From Motor Vehicle Accidents			Motor vehicle accidents were
Number		1,210	responsible for 53.4 percent
Rate		24.8	of all accidental deaths.
Marriages			Both the number and rate of marriages
Number		67,995	increased over 1989.
Rate		27.9	
Divorces			The number of divorces increased,
Number		32,183	but the rate remained the
Rate		13.2	same as in 1989.

TABLE I-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS,
AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE,
RECORDED AND RESIDENT DATA, TENNESSEE, 1971-1990

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded															
1971 ...	4,010,049	3,373,279	636,770	74,948	18.7	58,700	17.4	16,247	25.5	40,054	10.0	32,473	9.6	7,581	11.9
1972 ...	4,087,692	3,442,625	645,067	69,473	17.0	54,125	15.7	15,346	23.8	41,614	10.2	33,905	9.8	7,709	12.0
1973 ...	4,138,358	3,491,858	646,500	67,789	16.4	52,463	15.0	15,323	23.7	42,230	10.2	34,323	9.8	7,902	12.2
1974 ...	4,201,224	3,547,875	653,349	67,882	16.2	52,763	14.9	15,119	23.1	41,813	10.0	34,168	9.6	7,643	11.7
1975 ...	4,260,910	3,603,663	657,247	65,752	15.4	50,856	14.1	14,895	22.7	40,967	9.6	33,521	9.3	7,445	11.3
1976 ...	4,328,913	3,668,603	660,310	65,644	15.2	50,916	13.9	14,725	22.3	41,319	9.5	34,065	9.3	7,252	11.0
1977 ...	4,402,111	3,737,934	664,177	69,983	15.9	54,421	14.6	15,561	23.4	41,492	9.4	34,170	9.1	7,322	11.0
1978 ...	4,461,825	3,794,296	667,529	70,202	15.7	53,861	14.2	16,333	24.5	41,106	9.2	34,026	9.0	7,080	10.6
1979 ...	4,533,370	3,859,505	673,865	72,127	15.9	55,121	14.3	17,006	25.2	41,067	9.1	33,845	8.8	7,222	10.7
1980 ...	4,591,120	3,835,452	755,668	72,867	15.9	55,753	14.5	17,110	22.6	43,153	9.4	35,461	9.2	7,690	10.2
1981 ...	4,614,621	3,855,201	759,420	70,747	15.3	54,170	14.1	16,570	21.8	42,946	9.3	35,625	9.2	7,319	9.6
1982 ...	4,638,058	3,874,899	763,159	71,092	15.3	54,771	14.1	16,317	21.4	42,893	9.2	35,456	9.2	7,436	9.7
1983 ...	4,661,551	3,894,608	766,943	70,158	15.1	53,842	13.8	16,309	21.3	44,384	9.5	36,790	9.4	7,593	9.9
1984 ...	4,685,024	3,914,332	770,692	69,713	14.9	53,552	13.7	16,155	21.0	45,093	9.6	37,476	9.6	7,615	9.9
1985 ...	4,708,378	3,934,012	774,366	71,506	15.2	54,562	13.9	16,938	21.9	46,184	9.8	38,251	9.7	7,932	10.2
1986 ...	4,742,220	3,956,847	785,373	70,784	14.9	53,897	13.6	16,882	21.5	47,218	10.0	39,217	9.9	8,001	10.2
1987 ...	4,775,916	3,979,642	796,274	72,680	15.2	55,128	13.9	17,549	22.0	47,841	10.0	39,834	10.0	8,005	10.1
1988 ...	4,809,685	4,002,461	807,224	75,595	15.7	56,846	14.2	18,740	23.2	48,761	10.1	40,667	10.2	8,094	10.0
1989 ...	4,843,448	4,025,252	818,196	77,678	16.0	58,004	14.4	19,663	24.0	48,515	10.0	40,216	10.0	8,299	10.1
1990 ...	4,877,185	4,048,068	829,117	79,274	16.3	59,297	14.6	19,968	24.1	49,363	10.1	40,972	10.1	8,391	10.1
Resident															
1971 ...	.....	.....	.....	71,202	17.8	56,075	16.6	15,125	23.8	37,783	9.4	30,671	9.1	7,112	11.2
1972 ...	.....	.....	.....	65,802	16.1	51,609	15.0	14,191	22.0	39,345	9.6	32,039	9.3	7,306	11.3
1973 ...	.....	.....	.....	64,303	15.5	50,113	14.4	14,187	21.9	39,724	9.6	32,319	9.3	7,394	11.4
1974 ...	.....	.....	.....	64,154	15.3	50,201	14.1	13,952	21.4	39,376	9.4	32,214	9.1	7,158	11.0
1975 ...	.....	.....	.....	62,265	14.6	48,453	13.4	13,808	21.0	38,522	9.0	31,504	8.7	7,013	10.7
1976 ...	.....	.....	.....	62,514	14.4	48,750	13.3	13,760	20.8	38,938	9.0	32,086	8.7	6,847	10.4
1977 ...	.....	.....	.....	66,632	15.1	52,110	13.9	14,521	21.9	39,080	8.9	32,110	8.6	6,970	10.5
1978 ...	.....	.....	.....	66,466	14.9	51,183	13.5	15,275	22.9	38,654	8.7	31,964	8.4	6,690	10.0
1979 ...	.....	.....	.....	68,326	15.1	52,303	13.6	16,021	23.8	38,712	8.5	31,837	8.2	6,875	10.2
1980 ...	.....	.....	.....	69,102	15.1	52,967	13.8	16,129	21.3	40,713	8.9	33,416	8.7	7,291	9.6
1981 ...	.....	.....	.....	67,050	14.5	51,429	13.3	15,614	20.6	40,480	8.8	33,533	8.7	6,941	9.1
1982 ...	.....	.....	.....	67,078	14.5	51,748	13.4	15,327	20.1	40,260	8.7	33,238	8.6	7,021	9.2
1983 ...	.....	.....	.....	65,465	14.0	50,469	13.0	14,989	19.5	41,604	8.9	34,438	8.8	7,161	9.3
1984 ...	.....	.....	.....	64,937	13.9	49,951	12.8	14,979	19.4	42,221	9.0	35,031	8.9	7,183	9.3
1985 ...	.....	.....	.....	66,730	14.2	50,989	13.0	15,735	20.3	43,176	9.2	35,729	9.1	7,444	9.6
1986 ...	.....	.....	.....	66,246	14.0	50,445	12.7	15,798	20.1	44,237	9.3	36,674	9.3	7,561	9.6
1987 ...	.....	.....	.....	67,942	14.2	51,410	12.9	16,528	20.8	44,884	9.4	37,307	9.4	7,572	9.5
1988 ...	.....	.....	.....	70,685	14.7	53,053	13.3	17,625	21.8	45,728	9.5	38,157	9.5	7,567	9.4
1989 ...	.....	.....	.....	73,137	15.1	54,504	13.5	18,620	22.8	45,362	9.4	37,575	9.3	7,782	9.5
1990 ...	.....	.....	.....	74,870	15.4	55,919	13.8	18,941	22.8	46,204	9.5	38,348	9.5	7,856	9.5

Totals of events may include items with race not stated.

TABLE I (Continued)-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1971-1990

Year	Fetal Deaths						Infant Deaths						Neonatal Deaths					
	All Races		White		All Other Races		All Races		White		All Other Races		All Races		White		All Other Races	
	No.	Ratio	No.	Ratio	No.	Ratio	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded																		
1971...	1,092	14.6	727	12.4	357	22.0	1,615	21.5	1,145	19.5	470	28.9	1,211	16.2	871	14.8	340	20.9
1972...	981	14.1	665	12.3	314	20.5	1,536	22.1	1,033	19.1	503	32.8	1,140	16.4	773	14.3	367	23.9
1973...	962	14.2	669	12.8	292	19.1	1,476	21.8	1,010	19.3	465	30.3	1,086	16.0	760	14.5	325	21.2
1974...	932	13.7	642	12.2	286	18.9	1,253	18.5	845	16.0	408	27.0	936	13.8	635	12.0	301	19.9
1975...	816	12.4	531	10.4	284	19.1	1,177	17.9	802	15.8	375	25.2	861	13.1	587	11.5	274	18.4
1976...	814	12.4	551	10.8	263	17.9	1,136	17.3	759	14.9	377	25.6	825	12.6	557	10.9	268	18.2
1977...	860	12.3	607	11.2	252	16.2	1,183	16.9	803	14.8	380	24.4	842	12.0	574	10.5	268	17.2
1978...	755	10.8	504	9.4	251	15.4	1,126	16.0	763	14.2	363	22.2	816	11.6	546	10.1	270	16.5
1979...	691	9.6	467	8.5	217	12.8	1,091	15.1	719	13.0	372	21.9	746	10.3	491	8.9	255	15.0
1980...	650	8.9	418	7.5	232	13.6	1,075	14.8	715	12.8	360	21.0	743	10.2	496	8.9	247	14.4
1981...	639	9.0	423	7.8	215	13.0	970	13.7	599	11.1	371	22.4	692	9.8	411	7.6	281	17.0
1982...	581	8.2	396	7.2	184	11.3	938	13.2	615	11.2	323	19.8	646	9.1	422	7.7	224	13.7
1983...	552	7.9	387	7.2	165	10.1	953	13.6	617	11.5	336	20.6	631	9.0	410	7.6	221	13.6
1984...	532	7.6	383	7.2	149	9.2	897	12.9	563	10.5	334	20.7	609	8.7	377	7.0	232	14.4
1985...	544	7.6	365	6.7	178	10.5	879	12.3	526	9.6	353	20.8	603	8.4	341	6.2	262	15.5
1986...	512	7.2	329	6.1	181	10.7	823	11.6	510	9.5	313	18.5	530	7.5	339	6.3	191	11.3
1987...	498	6.9	329	6.0	169	9.6	892	12.3	551	10.0	341	19.4	585	8.0	357	6.5	228	13.0
1988...	508	6.7	301	5.3	207	11.0	861	11.4	501	8.8	360	19.2	533	7.1	309	5.4	224	12.0
1989...	464	6.0	315	5.4	148	7.5	890	11.5	523	9.0	367	18.7	570	7.3	328	5.7	242	12.3
1990...	485	6.1	307	5.2	177	8.9	878	11.1	519	8.8	359	18.0	570	7.2	333	5.6	237	11.9
Resident																		
1971...	1,019	14.3	698	12.4	314	20.8	1,469	20.6	1,054	18.8	415	27.4	1,092	15.3	791	14.1	301	19.9
1972...	902	13.7	632	12.2	268	18.9	1,384	21.0	925	17.9	459	32.3	1,021	15.5	687	13.3	334	23.5
1973...	910	14.2	641	12.8	268	18.9	1,303	20.3	898	17.9	404	28.5	956	14.9	670	13.4	285	20.1
1974...	887	13.8	618	12.3	265	19.0	1,110	17.3	756	15.1	354	25.4	828	12.9	570	11.4	258	18.5
1975...	759	12.2	503	10.4	254	18.4	1,004	16.1	672	13.9	332	24.0	729	11.7	485	10.0	244	17.7
1976...	756	12.1	515	10.6	241	17.5	1,007	16.1	674	13.8	333	24.2	724	11.6	491	10.1	233	16.9
1977...	792	11.9	561	10.8	230	15.8	1,022	15.3	691	13.3	331	22.8	719	10.8	487	9.3	232	16.0
1978...	695	10.5	463	9.0	232	15.2	981	14.8	664	13.0	317	20.8	691	10.4	461	9.0	230	15.1
1979...	632	9.2	428	8.2	196	12.2	925	13.5	600	11.5	325	20.3	620	9.1	397	7.6	223	13.9
1980...	600	8.7	390	7.4	210	13.0	929	13.4	625	11.8	304	18.8	626	9.1	424	8.0	202	12.5
1981...	585	8.7	388	7.5	196	12.6	846	12.6	522	10.1	324	20.8	593	8.8	356	6.9	237	15.2
1982...	523	7.8	358	6.9	164	10.7	804	12.0	519	10.0	285	18.6	532	7.9	339	6.6	193	12.6
1983...	498	7.6	352	7.0	146	9.7	833	12.7	537	10.6	296	19.7	545	8.3	352	7.0	193	12.9
1984...	486	7.5	350	7.0	136	9.1	768	11.8	491	9.8	277	18.5	516	7.9	319	6.4	197	13.2
1985...	492	7.4	337	6.6	154	9.8	757	11.3	451	8.8	306	19.4	501	7.5	277	5.4	224	14.2
1986...	466	7.0	296	5.9	167	10.6	726	11.0	437	8.7	289	18.3	456	6.9	281	5.6	175	11.1
1987...	454	6.7	299	5.8	155	9.4	792	11.7	473	9.2	319	19.3	515	7.6	302	5.9	213	12.9
1988...	472	6.7	273	5.1	199	11.3	762	10.8	438	8.3	324	18.4	458	6.5	258	4.9	200	11.3
1989...	421	5.8	288	5.3	132	7.1	789	10.8	459	8.4	330	17.7	500	6.8	279	5.1	221	11.9
1990...	442	5.9	283	5.1	158	8.3	770	10.3	449	8.0	321	16.9	490	6.5	282	5.0	208	11.0

Totals of events may include items with race not stated.

TABLE II-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Total Deaths#													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	37,783	9.4	30,671	9.1	17,427	10.6	13,242	7.6	7,112	11.2	3,898	13.1	3,214	9.5
1972 ...	39,345	9.6	32,039	9.3	18,226	10.9	13,812	7.8	7,306	11.3	4,183	13.8	3,122	9.1
1973 ...	39,724	9.6	32,319	9.3	18,350	10.8	13,967	7.8	7,394	11.4	4,062	13.4	3,331	9.7
1974 ...	39,376	9.4	32,214	9.1	18,187	10.6	14,027	7.7	7,158	11.0	3,881	12.7	3,276	9.4
1975 ...	38,522	9.0	31,504	8.7	17,752	10.1	13,752	7.4	7,013	10.7	3,813	12.4	3,200	9.1
1976 ...	38,938	9.0	32,086	8.7	18,161	10.2	13,922	7.4	6,847	10.4	3,769	12.2	3,078	8.7
1977 ...	39,080	8.9	32,110	8.6	18,209	10.0	13,901	7.2	6,970	10.5	3,827	12.4	3,143	8.9
1978 ...	38,654	8.7	31,964	8.4	17,939	9.8	14,024	7.2	6,690	10.0	3,652	11.8	3,038	8.5
1979 ...	38,712	8.5	31,837	8.2	17,816	9.5	14,021	7.0	6,875	10.2	3,862	12.3	3,013	8.4
1980 ...	40,713	8.9	33,416	8.7	18,494	9.9	14,921	7.6	7,291	9.6	3,941	11.1	3,350	8.3
1981 ...	40,480	8.8	33,533	8.7	18,523	9.9	15,010	7.6	6,941	9.1	3,794	10.7	3,147	7.8
1982 ...	40,260	8.7	33,328	8.6	18,200	9.7	15,037	7.5	7,021	9.2	3,791	10.6	3,230	8.0
1983 ...	41,604	8.9	34,438	8.8	18,560	9.8	15,878	7.9	7,161	9.3	3,784	10.6	3,377	8.3
1984 ...	42,221	9.0	35,031	8.9	19,064	10.0	15,966	7.9	7,183	9.3	3,827	10.6	3,356	8.2
1985 ...	43,176	9.2	35,729	9.1	19,131	10.0	16,597	8.2	7,444	9.6	3,972	11.0	3,472	8.4
1986 ...	44,237	9.3	36,674	9.3	19,503	10.2	17,169	8.4	7,561	9.6	4,067	11.1	3,494	8.3
1987 ...	44,884	9.4	37,307	9.4	19,790	10.3	17,517	8.5	7,572	9.5	4,034	10.9	3,538	8.3
1988 ...	45,728	9.5	38,157	9.5	20,078	10.3	18,079	8.8	7,567	9.4	3,981	10.6	3,586	8.3
1989 ...	45,362	9.4	37,575	9.3	19,849	10.2	17,726	8.5	7,782	9.5	4,139	10.8	3,642	8.3
1990 ...	46,204	9.5	38,348	9.5	20,219	10.3	18,129	8.7	7,856	9.5	4,124	10.7	3,732	8.4

Year	Malignant Neoplasms, All Sites													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	6,070	151.4	5,029	149.1	2,759	168.3	2,270	130.9	1,041	163.5	593	198.6	448	132.5
1972 ...	6,266	153.3	5,186	150.6	2,848	170.3	2,338	132.1	1,080	167.4	623	206.3	457	133.2
1973 ...	6,501	157.1	5,311	152.1	2,986	176.0	2,325	129.5	1,186	183.4	687	227.2	499	145.0
1974 ...	6,718	159.9	5,518	155.5	3,057	177.4	2,461	134.9	1,198	183.4	703	230.3	495	142.2
1975 ...	6,869	161.2	5,660	157.1	3,127	178.7	2,533	136.6	1,209	183.9	683	222.8	526	150.0
1976 ...	7,198	166.3	5,922	161.4	3,334	187.3	2,588	137.1	1,276	193.2	740	240.5	536	152.0
1977 ...	7,507	170.5	6,209	166.1	3,529	194.6	2,680	139.2	1,298	195.4	754	243.9	544	153.3
1978 ...	7,492	167.9	6,233	164.3	3,511	190.9	2,722	139.2	1,259	188.6	761	245.1	498	139.5
1979 ...	7,792	171.9	6,456	167.3	3,643	194.8	2,813	141.4	1,336	198.3	798	254.9	538	149.1
1980 ...	8,304	180.9	6,868	179.1	3,909	209.9	2,959	150.0	1,436	190.0	788	222.5	648	161.4
1981 ...	8,355	181.1	6,930	179.8	3,903	208.6	3,027	152.6	1,425	187.6	856	240.7	569	140.9
1982 ...	8,660	186.7	7,135	184.1	4,070	216.4	3,065	153.7	1,525	199.8	877	245.6	648	159.6
1983 ...	8,768	188.1	7,272	186.7	4,018	212.7	3,254	162.3	1,496	195.1	841	234.5	655	160.4
1984 ...	9,127	194.8	7,604	194.3	4,294	226.2	3,310	164.2	1,523	197.6	889	246.9	634	154.4
1985 ...	9,220	195.8	7,724	196.3	4,270	223.9	3,454	170.4	1,496	193.2	840	232.3	656	158.9
1986 ...	9,549	201.4	7,941	200.7	4,447	231.8	3,494	171.4	1,608	204.7	903	246.3	705	168.3
1987 ...	10,004	209.5	8,316	209.0	4,582	237.5	3,734	182.1	1,688	212.0	937	252.2	751	176.8
1988 ...	9,894	205.7	8,347	208.5	4,640	239.1	3,707	179.8	1,547	191.6	891	236.6	656	152.3
1989 ...	10,181	210.2	8,499	211.1	4,659	238.8	3,840	185.2	1,682	205.6	960	251.6	722	165.3
1990 ...	10,504	215.4	8,793	217.2	4,837	246.5	3,956	189.7	1,711	206.4	956	247.3	755	170.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

#Rate per 1,000 population.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Malignant Neoplasms of Digestive Organs and Peritoneum													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	1,643	41.0	1,325	39.3	674	41.1	651	37.6	318	49.9	195	65.3	123	36.4
1972 ...	1,562	38.2	1,287	37.4	638	38.1	649	36.7	275	42.6	152	50.3	123	35.9
1973 ...	1,626	39.3	1,278	36.6	679	40.0	599	33.4	347	53.7	197	65.2	150	43.6
1974 ...	1,630	38.8	1,314	37.0	658	38.2	656	35.9	316	48.4	179	58.7	137	39.3
1975 ...	1,717	40.3	1,383	38.4	731	41.8	652	35.2	334	50.8	192	62.6	142	40.5
1976 ...	1,785	41.2	1,447	39.4	738	41.5	709	37.5	338	51.2	183	59.5	155	44.0
1977 ...	1,845	41.9	1,500	40.1	777	42.9	723	37.6	345	51.9	186	60.2	159	44.8
1978 ...	1,763	39.5	1,418	37.4	683	37.1	735	37.6	345	51.7	194	62.5	151	42.3
1979 ...	1,925	42.5	1,557	40.3	785	42.0	772	38.8	368	54.6	214	68.4	154	42.7
1980 ...	2,041	44.5	1,640	42.8	870	46.7	770	39.0	401	53.1	228	64.4	173	43.1
1981 ...	2,008	43.5	1,613	41.8	850	45.4	763	38.5	395	52.0	218	61.3	177	43.8
1982 ...	2,093	45.1	1,657	42.8	882	46.9	775	38.9	436	57.1	249	69.7	187	46.1
1983 ...	2,048	43.9	1,642	42.2	828	43.8	814	40.6	406	52.9	212	59.1	194	47.5
1984 ...	2,125	45.4	1,688	43.1	904	47.6	784	38.9	437	56.7	235	65.3	202	49.2
1985 ...	2,125	45.1	1,720	43.7	883	46.3	837	41.3	405	52.3	209	57.8	196	47.5
1986 ...	2,202	46.4	1,780	45.0	918	47.9	862	42.3	422	53.7	236	64.4	186	44.4
1987 ...	2,298	48.1	1,841	46.3	942	48.8	899	43.8	457	57.4	226	60.8	231	54.4
1988 ...	2,182	45.4	1,795	44.8	944	48.6	851	41.3	387	47.9	194	51.5	193	44.8
1989 ...	2,345	48.4	1,911	47.5	959	49.1	952	45.9	434	53.0	235	61.6	199	45.6
1990 ...	2,371	48.6	1,912	47.2	984	50.1	928	44.5	459	55.4	234	60.5	225	50.8

Year	Malignant Neoplasms of Respiratory and Intrathoracic Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	1,349	33.6	1,172	34.7	982	59.9	190	11.0	177	27.8	147	49.2	30	8.9
1972 ...	1,459	35.7	1,223	35.5	1,023	61.2	200	11.3	236	36.6	197	65.2	39	11.4
1973 ...	1,564	37.8	1,317	37.7	1,107	65.3	210	11.7	247	38.2	198	65.5	49	14.2
1974 ...	1,691	40.3	1,436	40.5	1,206	70.0	230	12.6	254	38.9	214	70.1	40	11.5
1975 ...	1,675	39.3	1,422	39.5	1,150	65.7	272	14.7	253	38.5	202	65.9	51	14.5
1976 ...	1,894	43.8	1,599	43.6	1,307	73.4	292	15.5	295	44.7	233	75.7	62	17.6
1977 ...	2,041	46.4	1,723	46.1	1,361	75.1	362	18.8	318	47.9	261	84.4	57	16.1
1978 ...	2,077	46.6	1,798	47.4	1,460	79.4	338	17.3	279	41.8	231	74.4	48	13.4
1979 ...	2,204	48.6	1,859	48.2	1,464	78.3	395	19.9	345	51.2	281	89.8	64	17.7
1980 ...	2,363	51.5	2,034	53.0	1,569	84.2	465	23.6	329	43.5	240	67.8	89	22.2
1981 ...	2,404	52.1	2,034	52.8	1,558	83.3	476	24.0	370	48.7	294	82.7	76	18.8
1982 ...	2,632	56.7	2,250	58.1	1,745	92.8	505	25.3	382	50.1	294	82.3	88	21.7
1983 ...	2,662	57.1	2,282	58.6	1,715	90.8	567	28.3	380	49.5	281	78.4	99	24.2
1984 ...	2,717	58.0	2,351	60.1	1,763	92.9	588	29.2	366	47.5	281	78.0	85	20.7
1985 ...	2,837	60.3	2,455	62.4	1,799	94.3	656	32.4	382	49.3	280	77.4	102	24.7
1986 ...	3,011	63.5	2,571	65.0	1,898	98.9	673	33.0	440	56.0	337	91.9	103	24.6
1987 ...	3,214	67.3	2,747	69.0	2,004	103.9	743	36.2	467	58.6	354	95.3	113	26.6
1988 ...	3,179	66.1	2,742	68.5	1,976	101.8	766	37.1	437	54.1	334	88.7	103	23.9
1989 ...	3,283	67.8	2,785	69.2	1,950	99.9	835	40.3	498	60.9	359	94.1	139	31.8
1990 ...	3,487	71.5	2,971	73.4	2,084	106.2	887	42.5	516	62.2	374	96.8	142	32.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Malignant Neoplasms of Breast													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	523	13.0	435	12.9	2	0.1	433	25.0	88	13.8	-	-	88	26.0
1972 ...	541	13.2	445	12.9	1	0.1	444	25.1	96	14.9	1	0.3	95	27.7
1973 ...	529	12.8	453	13.0	2	0.1	451	25.1	76	11.8	1	0.3	75	21.8
1974 ...	582	13.9	485	13.7	5	0.3	480	26.3	97	14.8	2	0.7	95	27.3
1975 ...	556	13.0	473	13.1	5	0.3	468	25.2	83	12.6	3	1.0	80	22.8
1976 ...	563	13.0	473	12.9	-	-	473	25.0	90	13.6	4	1.3	86	24.4
1977 ...	580	13.2	490	13.1	6	0.3	484	25.1	90	13.6	1	0.3	89	25.1
1978 ...	602	13.5	504	13.3	7	0.4	497	25.4	98	14.7	1	0.3	97	27.2
1979 ...	575	12.7	475	12.3	3	0.2	472	23.7	100	14.8	-	-	100	27.7
1980 ...	570	12.4	469	12.2	4	0.2	465	23.6	101	13.4	1	0.3	100	24.9
1981 ...	660	14.3	555	14.4	4	0.2	551	27.8	105	13.8	2	0.6	103	25.5
1982 ...	673	14.5	558	14.4	2	0.1	556	27.9	115	15.1	-	-	115	28.3
1983 ...	663	14.2	556	14.3	3	0.2	553	27.6	107	14.0	3	0.8	104	25.5
1984 ...	713	15.2	598	15.3	2	0.1	596	29.6	115	14.9	-	-	115	28.0
1985 ...	723	15.4	624	15.9	5	0.3	619	30.5	99	12.8	-	-	99	24.0
1986 ...	714	15.1	591	14.9	3	0.2	588	28.8	123	15.7	-	-	123	29.4
1987 ...	834	17.5	688	17.3	6	0.3	682	33.3	146	18.3	1	0.3	145	34.1
1988 ...	812	16.9	680	17.0	6	0.3	674	32.7	132	16.4	1	0.3	131	30.4
1989 ...	778	16.1	639	15.9	7	0.4	632	30.5	139	17.0	-	-	139	31.8
1990 ...	837	17.2	705	17.4	5	0.3	700	33.6	132	15.9	1	0.3	131	29.6

Year	Malignant Neoplasms of Genital Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	836	20.8	645	19.1	282	17.2	363	20.9	191	30.0	93	31.1	98	29.0
1972 ...	855	20.9	658	19.1	279	16.7	379	21.4	197	30.5	101	33.4	96	28.0
1973 ...	866	20.9	653	18.7	269	15.9	384	21.4	213	32.9	108	35.7	105	30.5
1974 ...	882	21.0	674	19.0	288	16.7	386	21.2	208	31.8	119	39.0	89	25.6
1975 ...	865	20.3	664	18.4	304	17.4	360	19.4	201	30.6	104	33.9	97	27.7
1976 ...	852	19.7	656	17.9	291	16.3	365	19.3	196	29.7	116	37.7	80	22.7
1977 ...	922	20.9	712	19.0	331	18.3	381	19.8	210	31.6	118	38.2	92	25.9
1978 ...	872	19.5	676	17.8	315	17.1	361	18.5	196	29.4	120	38.7	76	21.3
1979 ...	912	20.1	709	18.4	320	17.1	389	19.6	203	30.1	114	36.4	89	24.7
1980 ...	1,006	21.9	771	20.1	360	19.3	411	20.8	235	31.1	117	33.0	118	29.4
1981 ...	954	20.7	745	19.3	368	19.7	377	19.0	209	27.5	141	39.6	68	16.8
1982 ...	947	20.4	699	18.0	350	18.6	349	17.5	248	32.5	145	40.6	103	25.4
1983 ...	1,030	22.1	785	20.2	391	20.7	394	19.6	245	31.9	142	39.6	103	25.2
1984 ...	1,047	22.3	810	20.7	410	21.6	400	19.8	237	30.8	144	40.0	93	22.7
1985 ...	982	20.9	759	19.3	384	20.1	375	18.5	223	28.8	138	38.2	85	20.6
1986 ...	1,012	21.3	755	19.1	397	20.7	358	17.6	257	32.7	145	39.6	112	26.7
1987 ...	1,064	22.3	821	20.6	416	21.6	405	19.8	243	30.5	143	38.5	100	23.5
1988 ...	1,150	23.9	926	23.1	476	24.5	450	21.8	224	27.7	152	40.4	72	16.7
1989 ...	1,125	23.2	876	21.8	475	24.3	401	19.3	249	30.4	168	44.0	81	18.5
1990 ...	1,127	23.1	884	21.8	480	24.5	404	19.4	243	29.3	154	39.8	89	20.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Diabetes Mellitus													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	675	16.8	498	14.8	205	12.5	293	16.9	177	27.8	69	23.1	108	31.9
1972 ...	651	15.9	497	14.4	224	13.4	273	15.4	154	23.9	52	17.2	102	29.7
1973 ...	610	14.7	454	13.0	196	11.6	258	14.4	156	24.1	53	17.5	103	29.9
1974 ...	529	15.0	454	12.8	154	8.9	300	16.4	175	26.8	61	20.0	114	32.7
1975 ...	612	14.4	446	12.4	200	11.4	246	13.3	166	25.3	53	17.3	113	32.2
1976 ...	548	12.7	397	10.8	147	8.3	250	13.2	151	22.9	55	17.9	96	27.2
1977 ...	565	12.8	432	11.6	160	8.8	272	14.1	133	20.0	48	15.5	85	23.9
1978 ...	525	11.8	385	10.1	168	9.1	217	11.1	140	21.0	49	15.8	91	25.5
1979 ...	552	12.2	406	10.5	169	9.0	237	11.9	146	21.7	47	15.0	99	27.4
1980 ...	514	11.2	375	9.8	138	7.4	237	12.0	139	18.4	61	17.2	78	19.4
1981 ...	609	13.2	454	11.8	174	9.3	280	14.1	155	20.4	52	14.6	103	25.5
1982 ...	557	12.0	442	11.4	156	8.3	286	14.3	115	15.1	45	12.6	70	17.2
1983 ...	646	13.9	476	12.2	179	9.5	297	14.8	170	22.2	59	16.5	111	27.2
1984 ...	627	13.4	480	12.3	186	9.8	294	14.6	147	19.1	50	13.9	97	23.6
1985 ...	597	12.7	425	10.8	164	8.6	261	12.9	172	22.2	58	16.0	114	27.6
1986 ...	672	14.2	506	12.8	204	10.6	302	14.8	166	21.1	48	13.1	118	28.2
1987 ...	701	14.7	546	13.7	226	11.7	320	15.6	155	19.5	52	14.0	103	24.3
1988 ...	725	15.1	558	13.9	218	11.2	340	16.5	167	20.7	53	14.1	114	26.5
1989 ...	915	18.9	679	16.9	258	13.2	421	20.3	235	28.7	88	23.1	147	33.7
1990 ...	914	18.7	723	17.9	313	15.9	410	19.7	191	23.0	62	16.0	129	29.1

Year	Diseases of Heart													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	14,528	362.3	11,984	355.3	6,938	423.1	5,046	291.1	2,544	399.5	1,351	452.4	1,193	352.8
1972 ...	14,946	365.6	12,491	362.8	7,301	436.5	5,190	293.2	2,455	380.6	1,376	455.6	1,079	314.5
1973 ...	15,011	362.7	12,482	357.5	7,276	428.9	5,205	289.9	2,527	390.9	1,298	429.3	1,229	357.1
1974 ...	14,738	350.8	12,303	346.8	7,114	412.9	5,189	284.4	2,435	372.7	1,260	412.9	1,175	337.5
1975 ...	14,303	335.7	11,976	332.3	6,967	398.2	5,009	270.1	2,324	353.6	1,191	388.5	1,133	323.1
1976 ...	14,580	336.8	12,276	334.6	7,022	394.4	5,253	278.2	2,301	348.5	1,201	390.3	1,100	312.0
1977 ...	14,497	329.3	12,098	323.7	6,943	382.9	5,155	267.8	2,399	361.2	1,236	399.7	1,163	327.6
1978 ...	14,176	317.7	11,956	315.1	6,702	364.3	5,254	268.8	2,220	332.6	1,127	363.0	1,093	306.1
1979 ...	14,115	311.4	11,831	306.5	6,734	360.0	5,097	256.2	2,284	338.9	1,213	387.5	1,071	296.8
1980 ...	14,872	323.9	12,419	323.8	6,833	366.9	5,586	283.1	2,450	324.2	1,214	342.8	1,236	307.8
1981 ...	14,894	322.8	12,547	325.5	6,915	369.5	5,632	283.9	2,345	308.8	1,234	347.0	1,111	275.1
1982 ...	14,843	320.0	12,451	321.3	6,674	354.9	5,777	289.6	2,392	313.4	1,231	344.7	1,161	285.9
1983 ...	15,206	326.2	12,797	328.6	6,840	362.0	5,957	297.1	2,406	313.7	1,198	334.1	1,208	295.8
1984 ...	15,361	327.9	12,846	328.2	6,849	360.8	5,996	297.4	2,514	326.2	1,264	351.0	1,250	304.4
1985 ...	15,740	334.3	13,167	334.7	6,949	364.3	6,218	306.8	2,572	332.1	1,294	357.9	1,278	309.6
1986 ...	15,722	331.5	13,127	331.8	6,740	351.3	6,387	313.3	2,595	330.4	1,308	356.8	1,287	307.3
1987 ...	15,779	330.4	13,278	333.6	6,839	354.5	6,439	314.0	2,500	314.0	1,217	327.6	1,283	302.1
1988 ...	16,010	332.9	13,512	337.6	6,983	359.9	6,529	316.6	2,496	309.2	1,188	315.5	1,308	303.7
1989 ...	15,364	317.2	12,936	321.4	6,738	345.3	6,198	298.9	2,428	296.8	1,157	303.3	1,271	291.1
1990 ...	15,415	316.1	13,030	321.9	6,827	347.9	6,203	297.4	2,385	287.7	1,128	291.9	1,257	284.0

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Ischemic Heart Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	13,294	331.5	11,004	326.2	6,467	394.4	4,537	261.7	2,290	359.6	1,221	408.9	1,069	316.1
1972 ...	13,683	334.7	11,487	333.7	6,817	407.5	4,670	263.9	2,196	340.4	1,225	405.6	971	283.1
1973 ...	13,789	333.2	11,553	330.9	6,815	401.7	4,737	263.8	2,234	345.6	1,142	377.7	1,092	317.3
1974 ...	13,416	319.3	11,265	317.5	6,597	382.9	4,668	255.8	2,151	329.2	1,104	361.7	1,047	300.7
1975 ...	12,928	303.4	10,905	302.6	6,426	367.3	4,479	241.6	2,020	307.3	1,045	340.9	975	278.0
1976 ...	13,116	303.0	11,127	303.3	6,466	363.2	4,661	246.8	1,986	300.8	1,038	337.3	948	268.9
1977 ...	13,011	295.6	10,919	292.1	6,352	350.3	4,567	237.3	2,092	315.0	1,087	351.5	1,005	283.1
1978 ...	12,621	282.9	10,697	281.9	6,057	329.3	4,640	237.4	1,924	288.2	981	316.0	943	264.1
1979 ...	10,729	236.7	9,441	244.6	5,607	299.8	3,834	192.7	1,288	191.1	693	221.4	595	164.9
1980 ...	11,089	241.5	9,780	255.0	5,597	300.5	4,183	212.0	1,307	173.0	640	180.7	667	166.1
1981 ...	11,139	241.4	9,778	253.6	5,602	299.3	4,176	210.5	1,359	179.0	738	207.5	621	153.8
1982 ...	10,988	236.9	9,636	248.7	5,372	285.7	4,264	213.8	1,352	177.2	729	204.1	623	153.4
1983 ...	11,184	239.9	9,809	251.9	5,463	289.1	4,346	216.7	1,372	178.9	692	193.0	680	166.5
1984 ...	10,679	227.9	9,394	240.0	5,203	274.1	4,190	207.8	1,284	166.6	661	183.6	623	151.7
1985 ...	10,649	226.2	9,288	236.1	5,107	267.8	4,181	206.3	1,360	175.6	666	184.2	694	168.1
1986 ...	10,331	217.9	9,160	231.5	4,920	256.5	4,240	208.0	1,171	149.1	572	156.0	599	143.0
1987 ...	10,356	216.8	9,161	230.2	4,903	254.1	4,258	207.7	1,195	150.1	564	151.8	631	148.6
1988 ...	10,500	218.3	9,328	233.1	5,082	261.9	4,246	205.9	1,170	144.9	578	153.5	592	137.4
1989 ...	10,246	211.5	9,082	225.6	4,959	254.1	4,123	198.8	1,164	142.3	547	143.4	617	141.3
1990 ...	10,616	217.7	9,403	232.3	5,152	262.5	4,251	203.8	1,213	146.3	583	150.8	630	142.3

Year	Cerebrovascular Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	4,997	124.6	3,963	117.5	1,809	110.3	2,154	124.3	1,034	162.4	514	172.1	520	153.8
1972 ...	5,215	127.6	4,168	121.1	1,898	113.5	2,270	128.3	1,047	162.3	507	167.9	540	157.4
1973 ...	5,339	129.0	4,267	122.2	1,835	108.2	2,432	135.5	1,071	165.7	510	168.7	561	163.0
1974 ...	5,204	123.9	4,204	118.5	1,837	106.6	2,367	129.7	1,000	153.1	431	141.2	569	163.4
1975 ...	4,902	115.0	3,929	109.0	1,687	96.4	2,242	120.9	973	148.0	464	151.3	509	145.2
1976 ...	4,862	112.3	3,938	107.3	1,756	98.6	2,180	115.4	924	139.9	441	143.3	483	137.0
1977 ...	4,561	103.6	3,694	98.8	1,573	86.8	2,121	110.2	867	130.5	373	120.6	494	139.2
1978 ...	4,283	96.0	3,480	91.7	1,477	80.3	2,003	102.5	803	120.3	381	122.7	422	118.2
1979 ...	4,213	92.9	3,389	87.8	1,424	76.1	1,965	98.8	824	122.3	414	132.3	410	113.6
1980 ...	4,310	93.9	3,534	92.1	1,508	81.0	2,026	102.7	776	102.7	360	101.7	416	103.6
1981 ...	4,088	88.6	3,320	86.1	1,373	73.4	1,947	98.1	768	101.1	322	90.5	446	110.4
1982 ...	3,966	85.5	3,203	82.7	1,333	70.9	1,870	93.8	763	100.0	334	93.5	429	105.7
1983 ...	4,138	88.8	3,344	85.9	1,375	72.8	1,969	98.2	794	103.5	358	99.8	436	106.8
1984 ...	3,902	83.3	3,153	80.6	1,319	69.5	1,834	91.0	749	97.2	310	86.1	439	106.9
1985 ...	3,601	76.5	2,922	74.3	1,170	61.3	1,751	86.4	679	87.7	299	82.7	380	92.1
1986 ...	3,630	76.5	3,013	76.1	1,186	61.8	1,827	89.6	617	78.6	272	74.2	345	82.4
1987 ...	3,791	79.4	3,171	79.7	1,300	67.4	1,871	91.3	619	77.7	273	73.5	346	81.5
1988 ...	3,761	78.2	3,072	76.8	1,204	62.0	1,868	90.6	689	85.4	288	76.5	401	93.1
1989 ...	3,598	74.3	2,927	72.7	1,187	60.8	1,740	83.9	671	82.0	308	80.7	363	83.1
1990 ...	3,622	74.3	2,976	73.5	1,176	59.9	1,800	86.3	646	77.9	269	69.6	377	85.2

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Atherosclerosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	558	13.9	486	14.4	194	11.8	292	16.8	72	11.3	28	9.4	44	13.0
1972 ...	617	15.1	529	15.4	218	13.0	311	17.6	88	13.6	44	14.6	44	12.8
1973 ...	641	15.5	544	15.6	225	13.3	319	17.8	97	15.0	47	15.5	50	14.5
1974 ...	669	15.9	571	16.1	224	13.0	347	19.0	98	15.0	44	14.4	54	15.5
1975 ...	622	14.6	532	14.8	201	11.5	331	17.9	90	13.7	46	15.0	44	12.5
1976 ...	570	13.2	496	13.5	209	11.7	287	15.2	74	11.2	33	10.7	41	11.6
1977 ...	582	13.2	514	13.8	210	11.6	304	15.8	68	10.2	35	11.3	33	9.3
1978 ...	615	13.8	520	13.7	190	10.3	330	16.9	95	14.2	32	10.3	63	17.6
1979 ...	642	14.2	554	14.4	205	11.0	349	17.5	88	13.1	38	12.1	50	13.9
1980 ...	570	12.4	482	12.6	193	10.4	289	14.6	88	11.6	37	10.4	51	12.7
1981 ...	620	13.4	522	13.5	215	11.5	307	15.5	98	12.9	38	10.7	60	14.9
1982 ...	552	11.9	467	12.1	197	10.5	270	13.5	85	11.1	48	13.4	37	9.1
1983 ...	495	10.6	422	10.8	165	8.7	257	12.8	73	9.5	26	7.3	47	11.5
1984 ...	475	10.1	419	10.7	154	8.1	265	13.1	56	7.3	23	6.4	33	8.0
1985 ...	429	9.1	375	9.5	154	8.1	221	10.9	54	7.0	21	5.8	33	8.0
1986 ...	411	8.7	351	8.9	119	6.2	232	11.4	60	7.6	30	8.2	30	7.2
1987 ...	347	7.3	304	7.6	119	6.2	185	9.0	43	5.4	21	5.7	22	5.2
1988 ...	416	8.6	367	9.2	147	7.6	220	10.7	49	6.1	23	6.1	26	6.0
1989 ...	419	8.7	371	9.2	129	6.6	242	11.7	48	5.9	17	4.5	31	7.1
1990 ...	405	8.3	364	9.0	142	7.2	222	10.6	41	4.9	19	4.9	22	5.0

Year	Pneumonia and Influenza													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	1,193	29.8	962	28.5	528	32.2	434	25.0	231	36.3	124	41.5	107	31.6
1972 ...	1,264	30.9	1,059	30.8	572	34.2	487	27.5	205	31.8	124	41.1	81	23.6
1973 ...	1,197	28.9	1,009	28.9	540	31.8	469	26.1	188	29.1	113	37.4	75	21.8
1974 ...	1,024	24.4	885	24.9	463	26.9	422	23.1	139	21.3	81	26.5	58	16.7
1975 ...	1,101	25.8	930	25.8	501	28.6	429	23.1	171	26.0	95	31.0	76	21.7
1976 ...	1,240	28.6	1,050	28.6	549	30.8	501	26.5	190	28.8	111	36.1	79	22.4
1977 ...	1,070	24.3	929	24.9	525	29.0	404	21.0	141	21.2	88	28.5	53	14.9
1978 ...	1,159	26.0	998	26.3	502	27.3	496	25.4	161	24.1	90	29.0	71	19.9
1979 ...	908	20.0	796	20.6	397	21.2	399	20.1	112	16.6	70	22.4	42	11.6
1980 ...	1,037	22.6	876	22.8	427	22.9	449	22.8	161	21.3	95	26.8	66	16.4
1981 ...	1,174	25.4	1,020	26.5	483	25.8	537	27.1	154	20.3	92	25.9	62	15.4
1982 ...	973	21.0	846	21.8	428	22.8	418	21.0	127	16.6	67	18.8	60	14.8
1983 ...	1,117	24.0	962	24.7	496	26.3	466	23.2	155	20.2	90	25.1	65	15.9
1984 ...	1,133	24.2	997	25.5	498	26.2	499	24.8	136	17.6	76	21.1	60	14.6
1985 ...	1,437	30.5	1,261	32.1	619	32.5	642	31.7	176	22.7	102	28.2	74	17.9
1986 ...	1,471	31.0	1,290	32.6	651	33.9	639	31.3	181	23.0	104	28.4	77	18.4
1987 ...	1,361	28.5	1,194	30.0	583	30.2	611	29.8	167	21.0	101	27.2	66	15.5
1988 ...	1,621	33.7	1,404	35.1	688	35.5	716	34.7	217	26.9	112	29.7	105	24.4
1989 ...	1,509	31.2	1,280	31.8	584	29.9	696	33.6	229	28.0	128	33.5	101	23.1
1990 ...	1,696	34.8	1,457	36.0	698	35.6	759	36.4	239	28.8	124	32.1	115	26.0

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For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Chronic Obstructive Pulmonary Disease and Allied Conditions													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	680	17.0	622	18.4	492	30.0	130	7.5	58	9.1	37	12.4	21	6.2
1972 ...	836	20.5	739	21.5	567	33.9	172	9.7	97	15.0	75	24.8	22	6.4
1973 ...	902	21.8	809	23.2	621	36.6	188	10.5	93	14.4	71	23.5	22	6.4
1974 ...	941	22.4	850	24.0	672	39.0	178	9.8	91	13.9	59	19.3	32	9.2
1975 ...	933	21.9	867	24.1	657	37.6	210	11.3	66	10.0	47	15.3	19	5.4
1976 ...	997	23.0	898	24.5	673	37.8	225	11.9	99	15.0	77	25.0	22	6.2
1977 ...	1,043	23.7	946	25.3	677	37.3	269	14.0	97	14.6	74	23.9	23	6.5
1978 ...	1,148	25.7	1,055	27.8	778	42.3	277	14.2	93	13.9	69	22.2	24	6.7
1979 ...	1,052	23.2	944	24.5	703	37.6	241	12.1	108	16.0	79	25.2	29	8.0
1980 ...	1,237	26.9	1,121	29.2	805	43.2	316	16.0	116	15.4	78	22.0	38	9.5
1981 ...	1,295	28.1	1,182	30.7	834	44.6	348	17.5	113	14.9	84	23.6	29	7.2
1982 ...	1,266	27.3	1,164	30.0	830	44.1	334	16.7	102	13.4	68	19.0	34	8.4
1983 ...	1,292	27.7	1,195	30.7	827	43.8	368	18.4	97	12.6	73	20.4	24	5.9
1984 ...	1,458	31.1	1,335	34.1	915	48.2	420	20.8	123	16.0	82	22.8	41	10.0
1985 ...	1,588	33.7	1,459	37.1	969	50.8	490	24.2	128	16.5	91	25.2	37	9.0
1986 ...	1,681	35.4	1,547	39.1	1,028	53.6	519	25.5	134	17.1	101	27.6	33	7.9
1987 ...	1,611	33.7	1,464	36.8	945	49.0	519	25.3	147	18.5	101	27.2	46	10.8
1988 ...	1,750	36.4	1,606	40.1	1,014	52.3	592	28.7	144	17.8	96	25.5	48	11.1
1989 ...	1,780	36.8	1,605	39.9	991	50.8	614	29.6	175	21.4	116	30.4	59	13.5
1990 ...	1,876	38.5	1,687	41.7	1,018	51.9	669	32.1	189	22.8	128	33.1	61	13.8

Year	Chronic Liver Disease and Cirrhosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971...	354	8.8	300	8.9	202	12.3	98	5.7	54	8.5	33	11.1	21	6.2
1972...	353	8.6	286	8.3	204	12.2	82	4.6	67	10.4	39	12.9	28	8.2
1973...	449	10.8	364	10.4	245	14.4	119	6.6	85	13.1	46	15.2	39	11.3
1974...	444	10.6	369	10.4	241	14.0	128	7.0	75	11.5	43	14.1	32	9.2
1975...	401	9.4	321	8.9	214	12.2	107	5.8	80	12.2	50	16.3	30	8.6
1976...	387	8.9	345	9.4	235	13.2	110	5.8	42	6.4	23	7.5	19	5.4
1977...	407	9.2	341	9.1	221	12.2	120	6.2	66	9.9	42	13.6	24	6.8
1978...	398	8.9	335	8.8	240	13.0	95	4.9	63	9.4	38	12.2	25	7.0
1979...	431	9.5	342	8.9	210	11.2	132	6.6	89	13.2	47	15.0	42	11.6
1980...	451	9.8	377	9.8	266	14.3	111	5.6	74	9.8	46	13.0	28	7.0
1981...	404	8.8	339	8.8	221	11.8	118	5.9	65	8.6	37	10.4	28	6.9
1982...	387	8.3	335	8.6	241	12.8	94	4.7	52	6.8	29	8.1	23	5.7
1983...	388	8.3	331	8.5	204	10.8	127	6.3	57	7.4	36	10.0	21	5.1
1984...	396	8.5	329	8.4	218	11.5	111	5.5	67	8.7	43	11.9	24	5.8
1985...	382	8.1	318	8.1	207	10.9	111	5.5	64	8.3	36	10.0	28	6.8
1986...	384	8.1	324	8.2	200	10.4	124	6.1	60	7.6	28	7.6	32	7.6
1987...	412	8.6	350	8.8	235	12.2	115	5.6	62	7.8	39	10.5	23	5.4
1988...	413	8.6	351	8.8	221	11.4	130	6.3	62	7.7	38	10.1	24	5.6
1989...	425	8.8	356	8.8	243	12.5	113	5.4	69	8.4	48	12.6	21	4.8
1990...	508	10.4	411	10.2	262	13.4	149	7.1	97	11.7	62	16.0	35	7.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Congenital Anomalies													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	339	8.5	284	8.4	171	10.4	113	6.5	55	8.6	24	8.0	31	9.2
1972 ...	384	9.4	304	8.8	172	10.3	132	7.5	80	12.4	43	14.2	36	10.5
1973 ...	325	7.9	266	7.6	134	7.9	131	7.3	59	9.1	32	10.6	27	7.8
1974 ...	304	7.2	242	6.8	133	7.7	109	6.0	62	9.5	32	10.5	30	8.6
1975 ...	298	7.0	244	6.8	123	7.0	121	6.5	54	8.2	32	10.4	22	6.3
1976 ...	228	5.3	182	5.0	102	5.7	80	4.2	46	7.0	25	8.1	21	6.0
1977 ...	281	6.4	222	5.9	123	6.8	99	5.1	59	8.9	40	12.9	19	5.4
1978 ...	278	6.2	219	5.8	126	6.8	92	4.7	59	8.8	27	8.7	32	9.0
1979 ...	280	6.2	231	6.0	129	6.9	102	5.1	49	7.3	29	9.3	20	5.5
1980 ...	317	6.9	254	6.6	134	7.2	119	6.0	63	8.3	32	9.0	31	7.7
1981 ...	262	5.7	213	5.5	109	5.8	104	5.2	49	6.5	24	6.7	25	6.2
1982 ...	271	5.8	207	5.3	103	5.5	103	5.2	64	8.4	33	9.2	31	7.6
1983 ...	275	5.9	225	5.8	109	5.8	116	5.8	50	6.5	29	8.1	21	5.1
1984 ...	267	5.7	207	5.3	112	5.9	95	4.7	60	7.8	36	10.0	24	5.8
1985 ...	244	5.2	181	4.6	98	5.1	83	4.1	63	8.1	31	8.6	32	7.8
1986 ...	247	5.2	181	4.6	83	4.3	96	4.7	66	8.4	40	10.9	26	6.2
1987 ...	230	4.8	165	4.1	89	4.6	76	3.7	65	8.2	34	9.2	31	7.3
1988 ...	223	4.6	169	4.2	82	4.2	87	4.2	54	6.7	23	6.1	31	7.2
1989 ...	231	4.8	178	4.4	94	4.8	84	4.1	53	6.5	27	7.1	26	6.0
1990 ...	253	5.2	181	4.5	88	4.5	93	4.5	72	8.7	39	10.1	33	7.5

Year	Complications of Pregnancy, Childbirth, and the Puerperium**					
	All Races		White		All Other Races	
	Total		Female		Female	
	No.	Rate	No.	Rate	No.	Rate
1971...	21	2.9	7	1.2	14	9.3
1972...	16	2.4	10	1.9	6	4.2
1973...	23	3.6	11	2.2	12	8.5
1974...	24	3.7	17	3.4	7	5.0
1975...	15	2.4	6	1.2	9	6.6
1976...	7	1.1	3	0.6	4	2.9
1977...	16	2.4	7	1.3	9	6.3
1978...	10	1.5	4	0.8	6	4.0
1979...	9	1.3	3	0.6	6	3.8
1980...	13	1.9	9	1.7	4	2.5
1981...	10	1.5	9	1.7	1	0.6
1982...	5	0.7	2	0.4	3	2.0
1983...	9	1.4	7	1.4	2	1.4
1984...	6	0.9	2	0.4	4	2.7
1985...	3	0.4	1	0.2	2	1.3
1986...	3	0.5	3	0.6	-	-
1987...	6	0.9	3	0.6	3	1.9
1988...	8	1.1	3	0.6	5	2.9
1989...	2	0.3	1	0.2	1	0.6
1990...	6	0.8	3	0.5	3	1.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

**For explanation of rates by race, see Appendix A.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Accidents and Adverse Effects													
	All Races		White						All Other Races					
			Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971...	2,467	61.5	2,068	61.3	1,475	90.0	593	34.2	399	62.7	270	90.4	129	38.1
1972...	2,602	63.7	2,153	62.5	1,546	92.4	607	34.3	449	69.6	323	106.9	126	36.7
1973...	2,698	65.2	2,268	65.0	1,629	96.0	639	35.6	429	66.4	296	97.9	133	38.6
1974...	2,510	59.7	2,131	60.1	1,519	88.2	612	33.5	379	58.0	250	81.9	129	37.1
1975...	2,310	54.2	1,936	53.7	1,369	78.3	567	30.6	374	56.9	287	93.6	87	24.8
1976...	2,262	52.3	1,956	53.3	1,406	79.0	550	29.1	306	46.3	226	73.4	80	22.7
1977...	2,440	55.4	2,070	55.4	1,493	82.3	577	30.0	370	55.7	264	85.4	106	29.9
1978...	2,460	55.1	2,092	55.1	1,526	83.0	566	29.0	368	55.1	268	86.3	100	28.0
1979...	2,350	51.8	2,007	52.0	1,436	76.8	571	28.7	343	50.9	249	79.5	94	26.1
1980...	2,453	53.4	1,996	52.0	1,416	76.0	580	29.4	455	60.2	312	88.1	143	35.6
1981...	2,205	47.8	1,905	49.4	1,366	73.0	539	27.2	300	39.5	212	59.6	88	21.8
1982...	2,093	45.1	1,814	46.8	1,316	70.0	498	25.0	279	36.6	213	59.6	66	16.3
1983...	2,173	46.6	1,824	46.8	1,251	66.2	573	28.6	349	45.5	243	67.8	106	26.0
1984...	2,144	45.8	1,826	46.6	1,261	66.4	565	28.0	318	41.3	228	63.3	90	21.9
1985...	2,185	46.4	1,815	46.1	1,258	66.0	557	27.5	369	47.7	265	73.3	104	25.2
1986...	2,435	51.3	2,061	52.1	1,426	74.3	635	31.2	373	47.5	257	70.1	116	27.7
1987...	2,334	48.9	1,992	50.1	1,367	70.9	625	30.5	341	42.8	249	67.0	92	21.7
1988...	2,435	50.6	2,061	51.5	1,399	72.1	662	32.1	373	46.2	261	69.3	112	26.0
1989...	2,277	47.0	1,929	47.9	1,308	67.0	621	29.9	347	42.4	242	63.4	105	24.0
1990...	2,264	46.4	1,904	47.0	1,275	65.0	629	30.2	360	43.4	255	66.0	105	23.7

Year	Motor Vehicle Accidents													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	1,337	33.3	1,177	34.9	873	53.2	304	17.5	160	25.1	113	37.8	47	13.9
1972 ...	1,401	34.3	1,204	35.0	893	53.4	311	17.6	197	30.5	145	48.0	52	15.2
1973 ...	1,442	34.8	1,246	35.7	930	54.8	316	17.6	196	30.3	141	46.6	55	16.0
1974 ...	1,290	30.7	1,133	31.9	864	50.1	269	14.7	157	24.0	107	35.1	50	14.4
1975 ...	1,142	26.8	971	26.9	707	40.4	264	14.2	171	26.0	136	44.4	35	10.0
1976 ...	1,160	26.8	1,016	27.7	737	41.4	279	14.8	144	21.8	110	35.7	34	9.6
1977 ...	1,245	28.3	1,082	28.9	814	44.9	268	13.9	163	24.5	130	42.0	33	9.3
1978 ...	1,294	29.0	1,121	29.5	839	45.6	282	14.4	173	25.9	129	41.6	44	12.3
1979 ...	1,268	28.0	1,104	28.6	811	43.4	293	14.7	164	24.3	124	39.6	40	11.1
1980 ...	1,178	25.7	1,046	27.3	756	40.6	290	14.7	132	17.5	112	31.6	20	5.0
1981 ...	1,132	24.5	1,008	26.1	736	39.3	272	13.7	124	16.3	94	26.4	30	7.4
1982 ...	1,091	23.5	972	25.1	723	38.4	249	12.5	119	15.6	96	26.9	23	5.7
1983 ...	1,076	23.1	937	24.1	660	34.9	277	13.8	139	18.1	108	30.1	31	7.6
1984 ...	1,154	24.6	1,014	25.9	725	38.2	289	14.3	140	18.2	103	28.6	37	9.0
1985 ...	1,135	24.1	984	25.0	695	36.4	289	14.3	151	19.5	113	31.3	38	9.2
1986 ...	1,289	27.2	1,128	28.5	793	41.3	335	16.4	161	20.5	120	32.7	41	9.8
1987 ...	1,298	27.2	1,136	28.5	780	40.4	356	17.4	162	20.3	122	32.8	40	9.4
1988 ...	1,288	26.8	1,129	28.2	799	41.2	330	16.0	159	19.7	125	33.2	34	7.9
1989 ...	1,138	23.5	996	24.7	688	35.3	308	14.9	142	17.4	107	28.0	35	8.0
1990 ...	1,210	24.8	1,039	25.7	711	36.2	328	15.7	171	20.6	119	30.8	52	11.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.

For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX,
RESIDENT DATA, TENNESSEE, 1971-1990

Year	Suicide													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 ...	490	12.2	461	13.7	358	21.8	103	5.9	29	4.6	19	6.4	10	3.0
1972 ...	469	11.5	440	12.8	331	19.8	109	6.2	29	4.5	20	6.6	9	2.6
1973 ...	490	11.8	460	13.2	349	20.6	111	6.2	30	4.6	24	7.9	6	1.7
1974 ...	544	12.9	514	14.5	390	22.6	124	6.8	30	4.6	22	7.2	8	2.3
1975 ...	567	13.3	525	14.6	384	21.9	141	7.6	42	6.4	33	10.8	9	2.6
1976 ...	559	12.9	515	14.0	409	23.0	106	5.6	44	6.7	39	12.7	5	1.4
1977 ...	588	13.4	543	14.5	411	22.7	132	6.9	45	6.8	33	10.7	12	3.4
1978 ...	548	12.3	523	13.8	389	21.1	134	6.9	25	3.7	21	6.8	4	1.1
1979 ...	607	13.4	565	14.6	412	22.0	153	7.7	42	6.2	30	9.6	12	3.3
1980 ...	566	12.3	523	13.6	392	21.0	131	6.6	43	5.7	34	9.6	9	2.2
1981 ...	577	12.5	529	13.7	403	21.5	126	6.4	47	6.2	37	10.4	10	2.5
1982 ...	589	12.7	546	14.1	424	22.5	122	6.1	43	5.6	31	8.7	12	3.0
1983 ...	604	13.0	572	14.7	440	23.3	132	6.6	32	4.2	26	7.3	6	1.5
1984 ...	658	14.0	619	15.8	483	25.4	136	6.7	39	5.1	32	8.9	7	1.7
1985 ...	598	12.7	545	13.9	426	22.3	119	5.9	53	6.8	41	11.3	12	2.9
1986 ...	642	13.5	585	14.8	457	23.8	128	6.3	57	7.3	42	11.5	15	3.6
1987 ...	623	13.0	575	14.4	454	23.5	121	5.9	48	6.0	41	11.0	7	1.6
1988 ...	662	13.8	603	15.1	493	25.4	110	5.3	59	7.3	46	12.2	13	3.0
1989 ...	671	13.9	611	15.2	501	25.7	110	5.3	59	7.2	49	12.8	10	2.3
1990 ...	654	13.4	579	14.3	459	23.4	120	5.8	75	9.0	64	16.6	11	2.5

Year	Homicide and Legal Intervention													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971...	486	12.1	269	8.0	220	13.4	49	2.8	217	34.1	185	62.0	32	9.5
1972...	549	13.4	278	8.1	219	13.1	59	3.3	271	42.0	222	73.5	49	14.3
1973...	550	13.3	262	7.5	214	12.6	48	2.7	288	44.5	224	74.1	64	18.6
1974...	569	13.5	290	8.2	232	13.5	58	3.2	279	42.7	232	76.0	47	13.5
1975...	568	13.3	302	8.4	244	13.9	58	3.1	266	40.5	213	69.5	53	15.1
1976...	492	11.4	265	7.2	209	11.7	56	3.0	227	34.4	186	60.4	41	11.6
1977...	477	10.8	244	6.5	195	10.8	49	2.5	233	35.1	185	59.8	48	13.5
1978...	456	10.2	241	6.4	193	10.5	48	2.5	215	32.2	181	58.3	34	9.5
1979...	474	10.5	244	6.3	187	10.0	57	2.9	230	34.1	190	60.7	40	11.1
1980...	551	12.0	300	7.8	234	12.6	66	3.3	251	33.2	207	58.5	44	11.0
1981...	510	11.1	283	7.3	223	11.9	60	3.0	227	29.9	181	50.9	46	11.4
1982...	482	10.4	251	6.5	194	10.3	57	2.9	231	30.3	189	52.9	42	10.3
1983...	440	9.4	222	5.7	168	8.9	54	2.7	218	28.4	179	49.9	39	9.6
1984...	414	8.8	236	6.0	181	9.5	55	2.7	178	23.1	157	43.6	21	5.1
1985...	431	9.2	233	5.9	174	9.1	59	2.9	198	25.6	157	43.4	41	9.9
1986...	517	10.9	248	6.3	192	10.0	56	2.7	269	34.3	223	60.8	46	11.0
1987...	495	10.4	230	5.8	181	9.4	49	2.4	265	33.3	204	54.9	61	14.4
1988...	509	10.6	240	6.0	155	8.0	85	4.1	269	33.3	216	57.4	53	12.3
1989...	462	9.5	233	5.8	177	9.1	56	2.7	228	27.9	183	48.0	45	10.3
1990...	564	11.6	240	5.9	175	8.9	65	3.1	324	39.1	261	67.5	63	14.2

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE,
RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
All Causes	All Races . . .		46,204	770	146	82	105	348	472	1,234	1,699	2,763	5,896	10,454	12,988	9,237
	White	M	20,219	256	56	32	57	182	265	636	827	1,398	3,108	5,312	5,416	2,672
		F	18,129	193	39	21	19	77	74	215	420	782	1,733	3,435	5,727	5,392
	Other Races	M	4,124	174	30	15	14	65	106	257	292	345	598	904	875	443
		F	3,732	147	21	14	15	24	27	126	160	238	457	803	970	730
Certain Other Intestinal Infections (007-009)	All Races . . .		2	-	-	-	-	-	-	-	-	-	1	-	-	-
	White	M	2	-	-	-	-	-	-	-	-	-	1	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of Respiratory System (010-012)	All Races . . .		31	-	-	-	-	-	1	-	1	3	5	7	9	5
	White	M	17	-	-	-	-	-	1	-	-	-	3	5	5	3
		F	9	-	-	-	-	-	-	-	-	1	2	1	3	2
	Other Races	M	2	-	-	-	-	-	-	-	-	2	-	-	-	-
		F	3	-	-	-	-	-	-	-	1	-	-	1	1	-
Tuberculosis, Other Forms (013-018)	All Races . . .		10	-	-	-	-	-	-	-	1	1	-	3	4	1
	White	M	3	-	-	-	-	-	-	-	-	1	-	-	2	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	Other Races	M	5	-	-	-	-	-	-	-	1	-	-	3	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Streptococcal Sore Throat, Scarletina, and Erysipelas (034-035)	All Races . . .		1	-	-	-	-	-	-	-	-	1	-	-	-	-
	White	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection (036)	All Races . . .		4	1	-	-	-	1	-	1	-	-	1	-	-	-
	White	M	1	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	2	1	-	-	-	-	-	-	-	-	1	-	-	-
	Other Races	M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	All Races . . .		257	7	3	-	-	1	-	8	7	6	16	62	76	71
	White	M	84	1	3	-	-	-	-	2	3	2	7	23	24	19
		F	104	1	-	-	-	1	-	2	1	2	4	21	35	37
	Other Races	M	32	4	-	-	-	-	-	3	2	1	1	8	10	3
		F	37	1	-	-	-	-	-	1	1	1	4	10	7	12
Viral Encephalitis (049.8-049.9,062-064)	All Races . . .		3	1	-	1	-	-	-	-	-	-	-	-	1	-
	White	M	2	-	-	1	-	-	-	-	-	-	-	-	1	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral Hepatitis (070)	All Races . . .		42	-	-	-	-	-	-	4	7	3	9	6	13	-
	White	M	19	-	-	-	-	-	-	2	7	1	2	3	4	-
		F	16	-	-	-	-	-	-	-	-	1	4	2	9	-
	Other Races	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	6	-	-	-	-	-	-	2	-	-	3	1	-	-
Syphilis (090-097)	All Races . . .		4	1	-	-	-	-	-	-	-	-	1	-	2	-
	White	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	1	-	-	-	-	-	-	-	-	1	-	1	-

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TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE,
RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
All Other Infectious and Parasitic Diseases (001-003,005,020-032, 037,039-041,042.0-042.2,042.9, 043.0-043.3,043.9,044.0,044.9, 046-048,049.0-049.1,050-054, 056-061,065-066,071-081, 082.1-082.3,082.8-082.9, 083-088,098-139)	All Races		367	8	-	4	3	-	7	98	83	47	39	32	29	17
	White	M	223	3	-	1	1	-	5	70	50	36	20	15	14	8
		F	60	1	-	2	1	-	1	3	7	6	11	9	11	8
	Other Races	M	62	3	-	-	1	-	1	18	22	3	6	6	2	-
		F	22	1	-	1	-	-	-	7	4	2	2	2	2	-
Malignant Neoplasm (140-208)	All Races		10,504	3	8	13	9	11	22	111	344	900	2,162	3,279	2,617	1,023
	White	M	4,837	1	6	6	5	7	10	48	120	388	1,057	1,638	1,207	344
		F	3,956	2	1	4	2	3	7	35	151	361	754	1,113	1,006	516
	Other Races	M	956	-	1	2	-	1	5	9	36	84	189	311	241	76
		F	755	-	-	1	2	-	-	19	37	67	162	217	163	87
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature (210-239)	All Races		101	2	-	-	1	-	1	2	2	8	7	25	34	19
	White	M	34	1	-	-	-	-	-	-	1	3	2	9	12	6
		F	52	1	-	-	1	-	-	2	-	3	4	13	19	9
	Other Races	M	5	-	-	-	-	-	-	-	-	-	-	2	3	-
		F	10	-	-	-	-	-	1	-	1	2	1	1	-	4
Diabetes Mellitus (250)	All Races		914	-	-	-	1	1	-	21	31	67	134	248	280	131
	White	M	313	-	-	-	1	-	-	10	17	25	52	89	83	36
		F	410	-	-	-	-	1	-	3	8	24	51	102	148	73
	Other Races	M	62	-	-	-	-	-	-	6	2	4	12	23	12	3
		F	129	-	-	-	-	-	-	2	4	14	19	34	37	19
Nutritional Deficiencies (260-269)	All Races		34	-	-	-	-	-	-	1	-	-	-	3	13	17
	White	M	8	-	-	-	-	-	-	1	-	-	-	1	1	5
		F	17	-	-	-	-	-	-	-	-	-	-	-	9	8
	Other Races	M	3	-	-	-	-	-	-	-	-	-	-	2	1	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	2	4
Anemias (280-285)	All Races		86	-	-	-	2	4	2	6	3	3	6	6	26	28
	White	M	24	-	-	-	-	-	-	1	-	1	3	2	11	6
		F	39	-	-	-	1	1	-	-	-	1	2	2	12	20
	Other Races	M	14	-	-	-	-	3	1	4	1	1	1	1	2	-
		F	9	-	-	-	1	-	1	1	2	-	-	1	1	2
Meningitis (320-322)	All Races		24	5	3	3	-	-	1	2	-	2	3	4	1	-
	White	M	9	3	2	1	-	-	-	1	-	-	1	1	-	-
		F	9	-	-	1	-	-	-	1	-	1	2	3	1	-
	Other Races	M	4	2	-	1	-	-	1	-	-	-	-	-	-	-
		F	2	-	1	-	-	-	-	-	-	1	-	-	-	-
Rheumatic Fever and Rheumatic Heart Disease (390-398)	All Races		115	-	-	-	-	-	-	2	11	9	21	32	29	11
	White	M	33	-	-	-	-	-	-	-	4	2	5	12	7	3
		F	66	-	-	-	-	-	-	-	4	6	12	17	21	6
	Other Races	M	6	-	-	-	-	-	-	1	1	1	2	-	1	-
		F	10	-	-	-	-	-	-	1	2	-	2	3	-	2
Hypertensive Heart Disease (402)	All Races		548	-	-	-	-	-	1	11	31	40	56	116	155	138
	White	M	122	-	-	-	-	-	-	5	10	8	14	24	37	24
		F	221	-	-	-	-	-	-	-	6	5	16	37	72	85
	Other Races	M	85	-	-	-	-	-	1	1	10	13	15	22	15	8
		F	120	-	-	-	-	-	-	5	5	14	11	33	31	21

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TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE.
RESIDENT DATA, TENNESSEE, 1990

Cause of Death		Age at Death													
		All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Hypertensive Heart and Renal Disease (404)	All Races . . .	79	-	-	-	-	-	-	-	1	2	9	16	25	26
	White M	13	-	-	-	-	-	-	-	-	3	1	4	5	
	F	26	-	-	-	-	-	-	-	-	1	7	9	9	
	Other Races M	19	-	-	-	-	-	-	1	1	4	3	6	4	
	F	21	-	-	-	-	-	-	-	1	1	5	6	8	
Ischemic Heart Disease (410-414)	All Races . . .	10,616	-	-	-	-	2	3	33	195	551	1,328	2,504	3,474	2,525
	White M	5,152	-	-	-	-	1	1	15	135	363	865	1,461	1,557	754
	F	4,251	-	-	-	-	-	-	8	25	95	291	752	1,555	1,525
	Other Races M	583	-	-	-	-	-	2	5	30	58	96	145	149	97
	F	630	-	-	-	-	1	-	5	5	35	76	146	213	149
All Other Forms of Heart Disease (415-429)	All Races . . .	4,057	14	9	1	3	6	4	43	84	174	464	881	1,241	1,132
	White M	1,507	6	3	-	1	2	3	16	36	85	226	392	430	307
	F	1,639	2	2	-	1	1	1	10	18	27	89	268	555	665
	Other Races M	435	3	2	-	-	1	-	10	19	33	87	113	107	59
	F	476	3	2	1	1	2	-	7	11	29	62	108	149	101
Hypertension, With or Without Renal Disease (401,403)	All Races . . .	171	-	-	-	-	-	-	1	5	6	19	36	65	39
	White M	55	-	-	-	-	-	-	-	2	2	10	14	17	10
	F	70	-	-	-	-	-	-	1	1	1	5	11	27	24
	Other Races M	16	-	-	-	-	-	-	-	-	1	2	5	6	2
	F	30	-	-	-	-	-	-	-	2	2	2	6	15	3
Cerebrovascular Disease (430-438)	All Races . . .	3,622	1	1	1	-	-	8	16	55	126	254	678	1,320	1,162
	White M	1,176	1	1	-	-	-	3	6	9	48	105	279	449	275
	F	1,800	-	-	-	-	-	3	4	16	33	81	245	668	750
	Other Races M	269	-	-	1	-	-	2	1	12	18	37	68	79	51
	F	377	-	-	-	-	-	-	5	18	27	31	86	124	86
Atherosclerosis (440)	All Races . . .	405	-	-	-	-	-	-	-	1	8	14	59	144	179
	White M	142	-	-	-	-	-	-	-	1	3	10	32	52	44
	F	222	-	-	-	-	-	-	-	-	3	4	17	78	120
	Other Races M	19	-	-	-	-	-	-	-	-	1	-	6	6	6
	F	22	-	-	-	-	-	-	-	-	1	-	4	8	9
Other Diseases of Arteries, Arterioles, and Capillaries (441-448)	All Races . . .	490	2	-	-	-	-	1	3	11	14	52	152	164	91
	White M	271	-	-	-	-	-	-	1	3	9	33	104	85	36
	F	154	1	-	-	-	-	-	-	3	4	13	30	59	44
	Other Races M	31	-	-	-	-	-	1	1	3	-	2	10	12	2
	F	34	1	-	-	-	-	-	1	2	1	4	8	8	9
Acute Bronchitis and Bronchiolitis (466)	All Races . . .	13	1	-	-	-	-	-	1	-	1	1	1	2	6
	White M	4	-	-	-	-	-	-	-	-	-	-	-	1	3
	F	6	-	-	-	-	-	-	-	-	1	1	1	1	2
	Other Races M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	1	-	-	-	-	-	1	-	-	-	-	-	1
Pneumonia (480-486)	All Races . . .	1,658	6	5	-	1	2	7	9	18	40	76	244	578	672
	White M	685	1	2	-	1	-	1	4	7	20	43	122	272	212
	F	737	4	2	-	-	-	3	1	7	12	20	82	233	373
	Other Races M	122	-	-	-	-	1	-	2	4	7	8	18	44	38
	F	114	1	1	-	-	1	3	2	-	1	5	22	29	49
Influenza (487)	All Races . . .	38	-	-	-	1	-	-	-	-	-	2	5	10	20
	White M	13	-	-	-	-	-	-	-	-	-	1	1	5	6
	F	22	-	-	-	1	-	-	-	-	-	-	3	5	13
	Other Races M	2	-	-	-	-	-	-	-	-	-	-	1	-	1
	F	1	-	-	-	-	-	-	-	-	-	1	-	-	-

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TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE.
RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Bronchitis, Chronic and Unspecified (490-491)	All Races		69	-	-	1	-	-	-	1	2	7	9	18	14	17
	White	M	37	-	-	-	-	-	-	1	5	3	13	7	8	
		F	25	-	-	-	-	-	1	-	2	5	5	7	5	
	Other Races	M	3	-	-	1	-	-	-	1	-	-	-	-	1	
		F	4	-	-	-	-	-	-	-	-	1	-	-	3	
Emphysema (492)	All Races		297	-	-	-	-	-	-	3	12	61	107	92	22	
	White	M	185	-	-	-	-	-	-	1	1	44	65	62	12	
		F	88	-	-	-	-	-	-	2	8	12	35	23	8	
	Other Races	M	19	-	-	-	-	-	-	2	4	5	6	2	2	
		F	5	-	-	-	-	-	-	-	1	1	2	1	-	
Asthma (493)	All Races		109	-	-	-	4	3	-	4	10	7	19	25	27	10
	White	M	31	-	-	-	-	1	-	4	-	8	9	5	4	
		F	52	-	-	-	-	-	-	3	3	7	13	20	6	
	Other Races	M	13	-	-	-	2	2	-	2	1	-	3	2	1	-
		F	13	-	-	-	2	-	-	2	2	4	1	1	-	-
Other Chronic Obstructive Pulmonary Disease and Allied Conditions (494-496)	All Races		1,401	-	-	-	-	-	-	4	47	182	464	509	194	
	White	M	765	-	-	-	-	-	-	1	25	80	271	297	91	
		F	504	-	-	-	-	-	-	2	14	82	160	163	83	
	Other Races	M	93	-	-	-	-	-	-	1	7	14	20	38	12	
		F	39	-	-	-	-	-	-	-	1	6	13	11	8	
Ulcer of Stomach and Duodenum (531-533)	All Races		114	-	-	-	-	1	-	4	4	12	29	39	25	
	White	M	53	-	-	-	-	-	-	3	2	3	19	18	8	
		F	43	-	-	-	-	-	-	-	2	5	4	15	17	
	Other Races	M	10	-	-	-	-	1	-	1	-	4	3	1	-	
		F	8	-	-	-	-	-	-	-	-	-	3	5	-	
Appendicitis (540-543)	All Races		14	-	-	-	-	1	-	1	-	-	4	6	2	
	White	M	6	-	-	-	-	-	-	-	-	-	2	3	1	
		F	5	-	-	-	-	-	-	1	-	-	2	1	1	
	Other Races	M	1	-	-	-	-	-	-	-	-	-	-	1	-	
		F	2	-	-	-	-	1	-	-	-	-	-	1	-	
Hernia and Intestinal Obstruction (550-553, 560)	All Races		119	-	-	-	-	-	1	-	3	4	8	23	38	42
	White	M	42	-	-	-	-	-	1	-	1	1	3	12	15	9
		F	56	-	-	-	-	-	-	-	1	2	2	6	18	27
	Other Races	M	9	-	-	-	-	-	-	1	1	3	1	1	2	2
		F	12	-	-	-	-	-	-	-	-	-	4	4	4	4
Chronic Liver Disease and Cirrhosis (571)	All Races		508	1	-	-	-	-	1	20	76	96	120	126	56	12
	White	M	262	-	-	-	-	-	1	5	41	63	73	59	16	4
		F	149	1	-	-	-	-	-	4	10	9	26	57	36	6
	Other Races	M	62	-	-	-	-	-	-	8	16	17	14	5	1	1
		F	35	-	-	-	-	-	-	3	9	7	7	5	3	1
Cholelithiasis and Other Disorders of Gallbladder (574-575)	All Races		87	-	-	-	-	-	-	1	-	5	10	24	27	27
	White	M	33	-	-	-	-	-	-	-	-	2	5	10	9	7
		F	44	-	-	-	-	-	-	-	-	2	3	8	13	18
	Other Races	M	4	-	-	-	-	-	-	1	-	-	2	-	1	-
		F	6	-	-	-	-	-	-	-	-	1	-	2	1	2
Acute Glomerulonephritis and Nephrotic Syndrome (580-581)	All Races		5	-	-	-	-	-	-	-	-	1	-	2	-	2
	White	M	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	2	-	-
	Other Races	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE,
RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Chronic Glomerulonephritis and Unspecified Nephritis, Nephropathy, and Renal Sclerosis (582-583,587)	All Races . . .		50	1	-	-	-	-	-	1	4	4	3	14	15	8
	White M		22	1	-	-	-	-	-	1	2	3	-	8	6	1
	F		11	-	-	-	-	-	-	-	1	-	-	1	4	5
	Other Races M		8	-	-	-	-	-	-	-	-	1	1	4	2	-
	F		9	-	-	-	-	-	-	-	1	-	2	1	3	2
Renal Failure, Disorders Resulting From Impaired Renal Function, and Small Kidney of Unknown Cause (584-586,588-589)	All Races . . .		345	7	-	-	-	-	-	4	4	10	20	67	122	111
	White M		107	2	-	-	-	-	-	2	-	3	5	21	41	33
	F		145	2	-	-	-	-	-	1	1	3	6	21	57	54
	Other Races M		49	2	-	-	-	-	-	1	3	2	5	12	13	11
	F		44	1	-	-	-	-	-	-	-	2	4	13	11	13
Infections of Kidney (590)	All Races . . .		34	-	-	-	-	-	-	-	-	-	2	1	17	14
	White M		11	-	-	-	-	-	-	-	-	-	2	-	6	3
	F		22	-	-	-	-	-	-	-	-	-	-	1	11	10
	Other Races M		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F		1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hyperplasia of Prostate (600)	All Races . . .		13	-	-	-	-	-	-	-	-	-	-	1	8	4
	White M		12	-	-	-	-	-	-	-	-	-	-	1	7	4
	F		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races M		1	-	-	-	-	-	-	-	-	-	-	-	1	-
	F		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Complications of Pregnancy, Childbirth, and the Puerperium (630-676)	All Races . . .		6	-	-	-	-	1	3	1	1	-	-	-	-	-
	White M		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F		3	-	-	-	-	-	1	1	1	-	-	-	-	-
	Other Races M		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F		3	-	-	-	-	1	2	-	-	-	-	-	-	-
Congenital Anomalies (740-759)	All Races . . .		253	174	14	3	3	3	5	6	12	6	11	9	3	4
	White M		88	59	4	2	1	1	2	2	4	1	6	3	2	1
	F		93	63	4	1	-	-	1	3	6	4	4	4	-	3
	Other Races M		39	27	6	-	1	2	1	-	1	-	-	-	1	-
	F		33	25	-	-	1	-	1	1	1	1	1	2	-	-
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome (767-769)	All Races . . .		68	65	2	-	-	-	-	-	1	-	-	-	-	-
	White M		34	31	2	-	-	-	-	-	1	-	-	-	-	-
	F		13	13	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races M		12	12	-	-	-	-	-	-	-	-	-	-	-	-
	F		9	9	-	-	-	-	-	-	-	-	-	-	-	-
Other Conditions Originating in the Perinatal Period (760-766,770-779)	All Races . . .		299	292	5	-	1	1	-	-	-	-	-	-	-	-
	White M		83	81	1	-	1	-	-	-	-	-	-	-	-	-
	F		63	62	-	-	-	1	-	-	-	-	-	-	-	-
	Other Races M		83	80	3	-	-	-	-	-	-	-	-	-	-	-
	F		70	69	1	-	-	-	-	-	-	-	-	-	-	-
Symptom, Signs, and Ill-defined Conditions (780-799)	All Races . . .		868	129	2	-	-	7	6	15	35	59	100	165	186	164
	White M		395	52	2	-	-	4	1	7	16	30	64	96	78	45
	F		300	24	-	-	-	1	3	3	11	16	23	44	80	95
	Other Races M		95	30	-	-	-	2	2	3	6	9	8	15	13	7
	F		78	23	-	-	-	-	-	2	2	4	5	10	15	17
All Other Diseases (240-246, 251-259,270-279,286-319, 323-389,451-465,470-478, 500-530,534-537,555-558, 562-570,572-573,576-579, 591-599,601-629,680-739)	All Races . . .		3,809	23	17	8	16	21	26	74	129	162	347	665	1,235	1,086
	White M		1,356	8	3	4	7	10	15	37	57	68	152	300	428	267
	F		1,792	6	6	3	4	4	5	13	26	50	116	254	639	666
	Other Races M		304	5	3	-	2	4	2	13	19	33	42	61	71	49
	F		357	4	5	1	3	3	4	11	27	11	37	50	97	104

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE,
RESIDENT DATA, TENNESSEE, 1990

Cause of Death		Age at Death													
		All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Motor Vehicle Accidents (E810-E825)	All Races	1,210	8	29	21	25	160	168	250	176	101	88	101	64	18
	White M	711	2	8	8	17	98	112	157	103	56	54	54	32	9
	F	328	1	11	5	5	46	33	52	45	31	27	38	26	8
	Other Races M	119	4	4	5	-	12	17	28	20	11	6	7	4	1
	F	52	1	6	3	3	4	6	13	8	3	1	2	2	-
All Other Accidents and Adverse Effects (E800-E807,E826-E949)	All Races	1,054	9	41	21	21	31	51	134	124	87	111	118	157	148
	White M	564	3	19	8	14	24	34	79	78	57	68	69	64	47
	F	301	3	12	4	-	3	9	25	21	20	23	30	61	90
	Other Races M	136	2	7	5	6	3	8	19	21	9	17	13	19	6
	F	53	1	3	4	1	1	-	11	4	1	3	6	13	5
Suicide (E950-E959)	All Races	654	-	-	-	9	40	71	149	104	72	76	78	43	11
	White M	459	-	-	-	7	23	54	100	70	51	53	61	31	9
	F	120	-	-	-	1	10	5	23	22	18	17	12	10	1
	Other Races M	64	-	-	-	1	4	10	22	11	3	5	5	2	1
	F	11	-	-	-	-	3	2	4	1	-	1	-	-	-
Homicide and Legal Intervention (E960-978)	All Races	564	8	7	5	4	44	77	181	110	62	34	13	15	2
	White M	175	-	-	1	1	4	17	53	37	28	21	8	4	-
	F	65	4	1	1	1	4	2	15	17	10	5	1	4	-
	Other Races M	261	-	4	-	1	29	51	96	46	20	8	3	2	-
	F	63	4	2	3	1	7	7	17	10	4	-	1	5	2
All Other External Causes (E980-E999)	All Races	58	1	-	-	1	7	5	19	6	5	3	5	6	-
	White M	36	-	-	-	-	6	4	11	2	4	1	3	5	-
	F	14	-	-	-	1	1	-	3	4	1	2	1	1	-
	Other Races M	4	-	-	-	-	-	1	2	-	-	-	1	-	-
	F	4	1	-	-	-	-	-	3	-	-	-	-	-	-

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE IV. PRINCIPAL CAUSES OF DEATH FOR EIGHT AGE GROUPS WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1980

Cause of Death	All Races		White		All Other Races		Cause of Death	All Races		White		All Other Races	
	Num- ber	Rate	Num- ber	Rate	Num- ber	Rate		Num- ber	Rate	Num- ber	Rate	Num- ber	Rate
1-14 Years							45-64 Years						
All causes	333	35.0	224	30.2	109	51.7	5. Chronic obstructive pulmonary disease and allied conditions (490-496)	344	35.8	299	35.5	45	38.1
1. Accidents and adverse effects (E800-E949)	158	16.6	111	15.0	47	22.3	6. Chronic liver disease and cirrhosis (571)	218	22.5	171	20.3	45	38.1
2. Malignant neoplasms (140-208) ..	30	3.2	24	3.2	6	2.8	7. Diabetes (250)	201	20.9	152	18.0	49	41.4
3. Congenital anomalies (740-759) ..	20	2.1	12	1.6	8	3.8	65-74 Years						
4. Homicide and legal intervention (E960-E978)	16	1.7	5	0.7	11	5.2	All causes	10,454	2924.8	8,747	2773.5	1,707	4060.4
5. Diseases of heart (390-398, 402, 404-429)	13	1.4	7	0.9	6	2.8	1. Diseases of heart (390-398, 402, 404-429)	3,549	992.9	2,971	942.0	578	1374.9
15-24 Years							2. Malignant neoplasms (140-208) ..	3,279	917.4	2,751	872.3	528	1255.9
All causes	820	111.7	598	101.9	222	150.3	3. Cerebrovascular disease (430-438)	678	189.7	524	186.1	154	366.3
1. Accidents and adverse effects (E800-E949)	410	55.8	359	61.2	51	34.5	4. Chronic obstructive pulmonary disease and allied conditions (490-496)	614	171.8	571	181.0	43	102.3
2. Homicide and legal intervention (E960-E978)	121	16.5	27	4.8	94	63.7	5. Pneumonia and influenza (480-487)	249	69.7	208	66.0	41	97.5
3. Suicide (E950-E959)	111	15.1	92	15.7	19	12.9	6. Diabetes mellitus (250)	248	69.4	191	60.6	57	135.6
4. Malignant neoplasms (140-208) ..	33	4.5	27	4.6	6	4.1	7. Accidents and adverse effects (E800-E949)	219	61.3	191	60.6	28	66.6
5. Diseases of heart (390-398, 402, 404-429)	16	2.2	9	1.5	7	4.7	75-84 Years						
25-34 Years							All causes	12,988	6410.6	11,143	6293.6	1,845	7219.7
All causes	1,234	151.9	851	127.9	383	260.4	1. Diseases of heart (390-398, 402, 404-429)	4,924	2430.4	4,247	2398.8	677	2649.2
1. Accidents and adverse effects (E800-E949)	384	47.3	313	47.1	71	48.3	2. Malignant neoplasms (140-208) ..	2,617	1291.7	2,213	1250.0	404	1580.9
2. Homicide and legal intervention (E960-E978)	181	22.3	68	10.2	113	76.8	3. Cerebrovascular disease (430-438)	1,320	651.5	1,117	630.9	203	794.4
3. Suicide (E950-E959)	149	18.3	123	18.5	26	17.7	4. Chronic obstructive pulmonary disease and allied conditions (490-496)	642	316.9	584	329.9	58	227.0
4. Malignant neoplasms (140-208) ..	111	13.7	83	12.5	28	19.0	5. Pneumonia and influenza (480-487)	588	290.2	515	290.9	73	285.7
5. Diseases of heart (390-398, 402, 404-429)	69	11.0	54	8.1	35	23.8	6. Diabetes mellitus (250)	280	138.2	231	130.5	49	191.7
35-44 Years							7. Accidents and adverse effects (E800-E949)	221	109.1	183	103.4	38	148.7
All causes	1,699	229.3	1,247	199.8	452	387.2	85 Years and Over						
1. Malignant neoplasms (140-208) ..	344	46.4	271	43.4	73	82.5	All causes	9,237	15710.8	8,084	15812.7	1,173	15044.2
2. Diseases of heart (390-398, 402, 404-429)	322	43.5	236	38.1	84	72.0	1. Diseases of heart (390-398, 402, 404-429)	3,832	6517.7	3,383	6633.7	449	5758.6
3. Accidents and adverse effects (E800-E949)	300	40.5	247	39.8	53	45.4	2. Cerebrovascular disease (430-438)	1,182	1976.4	1,025	2009.9	137	1757.1
4. Homicide and legal intervention (E960-E978)	110	14.8	54	8.7	56	48.0	3. Malignant neoplasms (140-208) ..	1,023	1740.0	860	1886.4	183	2090.5
5. Suicide (E950-E959)	104	14.0	92	14.7	12	10.3	4. Pneumonia and influenza (480-487)	692	1177.0	604	1184.4	88	1128.6
45-64 Years							5. Chronic obstructive pulmonary disease and allied conditions (490-496)	243	413.3	217	425.5	26	333.5
All causes	8,659	901.2	7,021	833.3	1,638	1385.3	6. Atherosclerosis (440)	179	304.5	184	321.6	15	192.4
1. Malignant neoplasms (140-208) ..	3,062	318.7	2,560	303.8	502	424.5	7. Accidents and adverse effects (E800-E949)	186	282.3	154	302.0	12	153.9
2. Diseases of heart (390-398, 402, 404-429)	2,654	276.2	2,113	250.8	541	457.5							
3. Accidents and adverse effects (E800-E949)	387	40.3	336	39.9	51	43.1							
4. Cerebrovascular disease (430-438)	380	39.5	267	31.7	113	96.8							

Totals may include one or more deaths with race unknown.

TABLE V-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER100,000 POPULATION,
BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All Causes#	46,204	9.5	38,348	9.5	7,856	9.5
Typhoid and paratyphoid fevers (002)	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003, 005)	2	0.0	1	0.0	1	0.1
Amebiasis (006)	-	-	-	-	-	-
Certain other intestinal infections (007-009)	2	0.0	2	0.0	-	-
Tuberculosis of respiratory system (010-012)	31	0.6	26	0.6	5	0.6
Other tuberculosis, excluding late effects (013-018)	10	0.2	4	0.1	6	0.7
Brucellosis (023)	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-
Streptococcal sore throat and scarlatina (034)	1	0.0	1	0.0	-	-
Erysipelas (035)	-	-	-	-	-	-
Meningococcal infection (036)	4	0.1	3	0.1	1	0.1
Tetanus (037)	1	0.0	-	-	1	0.1
Septicemia (038)	257	5.3	188	4.6	69	8.3
All other bacterial diseases (001,020-022,024-027,030,031,039-041)	17	0.3	15	0.4	2	0.2
Human immunodeficiency virus (HIV) infection (*042-*044)	205	4.2	152	3.8	53	6.4
Acute poliomyelitis (045)	-	-	-	-	-	-
Viral encephalitis (049.8-049.9,062-064)	3	0.1	3	0.1	-	-
Measles (055)	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-
Viral hepatitis (070)	42	0.9	35	0.9	7	0.8
All other viral diseases (046-049.1,050-054, 057,060,061,065,066,071-079)	30	0.6	27	0.7	3	0.4
Rocky Mountain spotted fever (082.0)	-	-	-	-	-	-
Other rickettsioses (080,081,082.1-083)	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-
Cardiovascular syphilis (093)	2	0.0	1	0.0	1	0.1
Neurosyphilis (094)	1	0.0	-	-	1	0.1
All other syphilis (090-092,095-097)	1	0.0	-	-	1	0.1
Gonococcal infections (098)	-	-	-	-	-	-
Candidiasis (112)	30	0.6	27	0.7	3	0.4
Histoplasmosis (115)	3	0.1	2	0.0	1	0.1
All other mycoses (110,111,114,116-118)	39	0.8	33	0.8	6	0.7
Helminthiasis (120-129)	2	0.0	2	0.0	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085-088,099-104,130-139)	38	0.8	24	0.6	14	1.7
Malignant neoplasm of lip, oral cavity, and pharynx (140-149)	162	3.3	134	3.3	28	3.4
Malignant neoplasm of esophagus (150)	183	3.8	133	3.3	50	6.0
Malignant neoplasm of stomach (151)	232	4.8	178	4.4	54	6.5
Malignant neoplasm of small intestine, including duodenum (152)	17	0.3	14	0.3	3	0.4
Malignant neoplasm of colon (153)	994	20.4	797	19.7	197	23.8
Malignant neoplasm of rectum, rectosigmoid junction, and anus (154)	134	2.7	115	2.8	19	2.3
Malignant neoplasm of liver and intrahepatic bile ducts (155)	168	3.4	130	3.2	38	4.6
Malignant neoplasm of gallbladder and extrahepatic bile ducts (156)	72	1.5	62	1.5	10	1.2
Malignant neoplasm of pancreas (157)	536	11.0	453	11.2	83	10.0
Malignant neoplasm of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	35	0.7	30	0.7	5	0.6

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

Totals may include one or more deaths with race not stated.

#Rate per 1,000 population.

*These codes are not part of the Ninth Revision International Classification of Diseases.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of larynx (161)	91	1.9	74	1.8	17	2.1
Malignant neoplasm of trachea, bronchus, and lung (162)	3,370	69.1	2,876	71.0	494	59.6
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	26	0.5	21	0.5	5	0.6
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	89	1.8	74	1.8	15	1.8
Malignant neoplasm of skin (172-173)	196	4.0	181	4.5	15	1.8
Malignant neoplasm of female breast (174)	831	32.9	700	33.6	131	29.6
Malignant neoplasm of male breast (175)	6	0.3	5	0.3	1	0.3
Malignant neoplasm of cervix uteri (180)	108	4.3	70	3.4	38	8.6
Malignant neoplasm of other parts of uterus (179,181-182)	126	5.0	106	5.1	20	4.5
Malignant neoplasm of other female genital organs (183-184)	259	10.2	228	10.9	31	7.0
Malignant neoplasm of prostate (185)	620	26.4	469	23.9	151	39.1
Malignant neoplasm of other male genital organs (186-187)	14	0.6	11	0.6	3	0.8
Malignant neoplasm of bladder (188)	183	3.8	159	3.9	24	2.9
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	214	4.4	183	4.5	31	3.7
Malignant neoplasm of brain (191)	272	5.6	251	6.2	21	2.5
Malignant neoplasm of all other and unspecified sites (190,192-195,199)	550	11.3	447	11.0	103	12.4
Lymphosarcoma and reticulosarcoma (200)	33	0.7	28	0.7	5	0.6
Hodgkin's disease (201)	23	0.5	21	0.5	2	0.2
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	351	7.2	323	8.0	28	3.4
Multiple myeloma and immunoproliferative neoplasms (203)	215	4.4	171	4.2	44	5.3
Lymphoid leukemia (204)	116	2.4	105	2.6	11	1.3
Myeloid leukemia (205)	152	3.1	130	3.2	22	2.7
Other and unspecified leukemia (206-208)	126	2.6	114	2.8	12	1.4
Benign neoplasms (210-229)	42	0.9	33	0.8	9	1.1
Carcinoma in situ (230-234)	-	-	-	-	-	-
Neoplasms of uncertain behavior and unspecified nature (235-239)	59	1.2	53	1.3	6	0.7
Disorders of thyroid gland (240-246)	23	0.5	16	0.4	7	0.8
Diabetes mellitus (250)	914	18.7	723	17.9	191	23.0
Diseases of other endocrine glands (251-259)	20	0.4	14	0.3	6	0.7
Nutritional deficiencies (260-269)	34	0.7	25	0.6	9	1.1
Other metabolic disorders and immunity disorders (270-279)	243	5.0	198	4.9	45	5.4
Anemias (280-285)	86	1.8	63	1.6	23	2.8
All other diseases of blood and blood-forming organs (286-289)	82	1.7	69	1.7	13	1.6
Psychoses (290-299)	481	9.9	412	10.2	69	8.3
Alcohol dependence syndrome (303)	106	2.2	75	1.9	31	3.7
Drug dependence (304)	-	-	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	164	3.4	137	3.4	27	3.3
Mental retardation (317-319)	14	0.3	9	0.2	5	0.6
Meningitis (320-322)	24	0.5	18	0.4	6	0.7
Parkinson's disease (332)	113	2.3	105	2.6	8	1.0
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	445	9.1	411	10.2	34	4.1
Multiple sclerosis (340)	27	0.6	22	0.5	5	0.6
Infantile cerebral palsy (343)	18	0.4	12	0.3	6	0.7
Epilepsy (345)	35	0.7	20	0.5	15	1.8

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.
Totals may include one or more deaths with race not stated.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION,
BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All other diseases of central nervous system (323-326, 341-342,344,346-359)	122	2.5	101	2.5	21	2.5
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-
Disorders of the ear and mastoid process (380-389)	1	0.0	1	0.0	-	-
Acute rheumatic fever (390-392)	1	0.0	1	0.0	-	-
Diseases of mitral valve (394)	50	1.0	44	1.1	6	0.7
Diseases of aortic valve (395)	4	0.1	3	0.1	1	0.1
Diseases of mitral and aortic valves (396)	24	0.5	21	0.5	3	0.4
All other chronic rheumatic heart disease (393,397-398)	36	0.7	30	0.7	6	0.7
Essential hypertension (401)	74	1.5	60	1.5	14	1.7
Hypertensive heart disease (402)	548	11.2	343	8.5	205	24.7
Hypertensive renal disease (403)	97	2.0	65	1.6	32	3.9
Hypertensive heart and renal disease (404)	79	1.6	39	1.0	40	4.8
Acute myocardial infarction (410)	5,965	122.3	5,349	132.1	616	74.3
Other acute and subacute forms of ischemic heart disease (411)	22	0.5	21	0.5	1	0.1
Angina pectoris (413)	22	0.5	18	0.4	4	0.5
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,607	94.5	4,015	99.2	592	71.4
Diseases of pulmonary circulation (415-417)	208	4.3	168	4.2	40	4.8
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420-423)	33	0.7	25	0.6	8	1.0
Other diseases of endocardium (424)	205	4.2	188	4.6	17	2.1
Cardiomyopathy (425)	461	9.5	339	8.4	122	14.7
Heart failure (428)	621	12.7	528	13.0	93	11.2
All other and ill-defined forms of heart disease (426-427,429)	2,529	51.9	1,898	46.9	631	76.1
Subarachnoid hemorrhage (430)	157	3.2	131	3.2	26	3.1
Intracerebral and other and unspecified intracranial hemorrhage (431-432)	442	9.1	340	8.4	102	12.3
Occlusion and stenosis of precerebral arteries (433)	41	0.8	37	0.9	4	0.5
Occlusion of cerebral arteries (434)	389	8.0	321	7.9	68	8.2
Acute but ill-defined cerebrovascular disease (436)	2,153	44.1	1,781	44.0	372	44.9
Other and ill-defined and late effects of cerebrovascular disease (435,437-438)	440	9.0	366	9.0	74	8.9
Atherosclerosis (440)	405	8.3	364	9.0	41	4.9
Aortic aneurysm (441)	323	6.6	299	7.4	24	2.9
All other diseases of arteries, arterioles, and capillaries (442-448)	167	3.4	126	3.1	41	4.9
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	101	2.1	93	2.3	8	1.0
Acute bronchitis and bronchiolitis (466)	13	0.3	10	0.2	3	0.4
Viral pneumonia (480)	17	0.3	15	0.4	2	0.2
Pneumococcal and other bacterial pneumonia (481-482)	142	2.9	120	3.0	22	2.7
Bronchopneumonia, organism unspecified (485)	119	2.4	111	2.7	8	1.0
Pneumonia due to other and unspecified organism (483,486)	1,380	28.3	1,176	29.1	204	24.6
Influenza (487)	38	0.8	35	0.9	3	0.4
Bronchitis, chronic and unspecified (490-491)	69	1.4	62	1.5	7	0.8
Emphysema (492)	297	6.1	273	6.7	24	2.9
Asthma (493)	109	2.2	83	2.1	26	3.1
Chronic airways obstruction, not elsewhere classified (496)	1,384	28.4	1,254	31.0	130	15.7
Empyema and abscess of lung and mediastinum (510,513)	13	0.3	12	0.3	1	0.1
Pleurisy (511)	14	0.3	12	0.3	2	0.2
All other diseases of the respiratory system (460-465, 470-478,494-495,500-508,512,514-519)	465	9.5	391	9.7	74	8.9

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.
Totals may include one or more deaths with race not stated.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	0.0	2	0.0	-	-
Gastric ulcer (531)	32	0.7	28	0.7	4	0.5
Duodenal ulcer (532)	39	0.8	31	0.8	8	1.0
Peptic ulcer, site unspecified (533)	43	0.9	37	0.9	6	0.7
Gastritis and duodenitis (535)	9	0.2	7	0.2	2	0.2
Other diseases of esophagus, stomach, and duodenum (530,534,536,537)	44	0.9	41	1.0	3	0.4
Appendicitis (540-543)	14	0.3	11	0.3	3	0.4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	119	2.4	98	2.4	21	2.5
Regional enteritis and idiopathic proctocolitis (555-556)	16	0.3	15	0.4	1	0.1
All other noninfective gastroenteritis and colitis (557-558)	192	3.9	165	4.1	27	3.3
Diverticula of intestine (562)	58	1.2	54	1.3	4	0.5
Chronic liver disease and cirrhosis (571)	508	10.4	411	10.2	97	11.7
Cholelithiasis and other disorders of gallbladder (574-575)	87	1.8	77	1.9	10	1.2
All other diseases of digestive system (564-570, 572-573,576-579)	319	6.5	245	6.1	74	8.9
Acute glomerulonephritis (580)	3	0.1	3	0.1	-	-
Nephrotic syndrome (581)	2	0.0	1	0.0	1	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	50	1.0	33	0.8	17	2.1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	345	7.1	252	6.2	93	11.2
Infections of kidney (590)	34	0.7	33	0.8	1	0.1
Urinary calculus (592,594)	8	0.2	8	0.2	-	-
All other diseases of urinary system (591,593,595-599)	422	8.7	312	7.7	110	13.3
Hyperplasia of prostate (600)	13	0.6	12	0.6	1	0.3
Other diseases of male genital organs (601-608)	5	0.2	5	0.3	-	-
Disorders of breast (610-611)	1	0.0	1	0.0	-	-
Diseases of female genital organs (614-629)	7	0.3	4	0.2	3	0.7
Pregnancy with abortive outcome (630-638)**	-	-	-	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)**	1	0.1	-	-	1	0.5
Toxemia of pregnancy, childbirth, and the puerperium (642.4-642.9,643)**	1	0.1	1	0.2	-	-
Other complications of pregnancy, childbirth, and the puerperium (642.0-642.3,644-665,667-676)**	4	0.5	2	0.4	2	1.1
Infections of skin and subcutaneous tissue (680-686)	15	0.3	8	0.2	7	0.8
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690-709)	43	0.9	28	0.7	15	1.8
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	52	1.1	49	1.2	3	0.4
Other arthropathies and related disorders (710-712,715-719)	104	2.1	77	1.9	27	3.3
Dorsopathies (720-724)	8	0.2	7	0.2	1	0.1
Rheumatism, excluding the back (725-729)	12	0.2	8	0.2	4	0.5
Osteopathies, chondropathies, and acquired musculo- skeletal deformities (730-739)	22	0.5	17	0.4	5	0.6
Spina bifida (741)	5	0.1	4	0.1	1	0.1
All other congenital anomalies of nervous system (740,742)	18	0.4	16	0.4	2	0.2
Congenital anomalies of heart (745-746)	84	1.7	55	1.4	29	3.5
Other congenital anomalies of circulatory system (747)	33	0.7	22	0.5	11	1.3
All other congenital anomalies (743-744,748-759)	113	2.3	84	2.1	29	3.5

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

Totals may include one or more deaths with race not stated.

**Rate per 10,000 live births.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Certain conditions originating in the perinatal period						
(760-779)	367	7.5	193	4.8	174	21.0
Immaturity (765)	86	1.8	32	0.8	54	6.5
Birth trauma (767)	4	0.1	3	0.1	1	0.1
Intrauterine hypoxia and birth asphyxia (768)	14	0.3	12	0.3	2	0.2
Respiratory distress syndrome (769)	50	1.0	32	0.8	18	2.2
All other conditions originating in the perinatal period (760-764,766,770-779)	213	4.4	114	2.8	99	11.9
Senility without mention of psychosis (797)	19	0.4	19	0.5	-	-
Symptoms, signs, and ill-defined conditions						
(780-796,798-799)	849	17.4	676	16.7	173	20.9
Railway accidents (E800-E807)	10	0.2	8	0.2	2	0.2
Motor vehicle traffic accident involving collision with another motor vehicle (E811-E812)	520	10.7	458	11.3	62	7.5
Motor vehicle traffic accident involving collision with other vehicle or object (E813, E815)	352	7.2	312	7.7	40	4.8
Motor vehicle traffic accident involving collision with pedestrian (E814)	102	2.1	65	1.6	37	4.5
Motor vehicle accident not involving collision on highway (E816-E818)	157	3.2	132	3.3	25	3.0
Motor vehicle traffic accidents of other and unspecified nature (E810, E819)	47	1.0	42	1.0	5	0.6
Motor vehicle nontraffic accidents (E820-E825)	32	0.7	30	0.7	2	0.2
Other road vehicle accidents (E826-E829)	5	0.1	4	0.1	1	0.1
Water transport accidents (E830-E838)	25	0.5	22	0.5	3	0.4
Air and space transport accidents (E840-E845)	16	0.3	16	0.4	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	2	0.0	2	0.0	-	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	69	1.4	53	1.3	16	1.9
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	24	0.5	22	0.5	2	0.2
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870-E879)	46	0.9	38	0.9	8	1.0
Accidental falls (E880-E888)	251	5.1	230	5.7	21	2.5
Accidents caused by fire and flames (E890-E899)	125	2.6	81	2.0	44	5.3
Accidents due to natural and environmental factors (E900-E909)	29	0.6	21	0.5	8	1.0
Accidental drowning and submersion (E910)	93	1.9	68	1.7	25	3.0
Suffocation by food or other object (E911-E912)	87	1.8	70	1.7	17	2.1
Accident caused by firearm missile (E922)	81	1.7	63	1.6	18	2.2
All other accidents and late effects of accidental injury (E913-E921, E923-E929)	184	3.8	162	4.0	22	2.7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	7	0.1	5	0.1	2	0.2
Suicide and selfinflicted injury by firearms and explosives (E955)	484	9.9	433	10.7	51	6.2
All other suicides and selfinflicted injuries (E950-E954, E956-E959)	170	3.5	146	3.6	24	2.9
Assault by firearms and explosives (E965)	382	7.8	162	4.0	220	26.5
All other homicides and injuries purposely inflicted by other persons (E960-E964, E966-E969)	181	3.7	77	1.9	104	12.5
Legal intervention (E970-E978)	1	0.0	1	0.0	-	-
Injury by firearms and explosives, undetermined wheather accidentally or purposely inflicted (E985)	29	0.6	28	0.7	1	0.1
All other injuries undetermined whether accidentally or purposely inflicted (E980-E984, E986-E989)	29	0.6	22	0.5	7	0.8
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.
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TABLE VI-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	STATE			ANDERSON			BEDFORD		
	ALL RACES 4,877,185 NO. RATE	WHITE 4,048,068 NO. RATE	OTHER RACES 829,117 NO. RATE	ALL RACES 68,250 NO. RATE	WHITE 64,615 NO. RATE	OTHER RACES 3,635 NO. RATE	ALL RACES 30,411 NO. RATE	WHITE 27,097 NO. RATE	OTHER RACES 3,314 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	74870 15.4	55919 13.8	18941 22.8	863 12.6	776 12.0	87 23.9	438 14.4	392 14.5	46 13.9
ILLEGITIMATE BIRTHS	22628 30.2	9792 17.5	12833 67.8	200 23.2	154 19.8	46 52.9	127 29.0	96 24.5	31 67.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	6160 8.2	3663 6.6	2496 13.2	59 6.8	48 6.2	11 12.6	33 7.5	23 5.9	10 21.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	770 10.3	449 8.0	321 16.9	9 10.4	8 10.3	1 11.5	5 11.4	5 12.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	490 6.5	282 5.0	208 11.0	6 7.0	5 6.4	1 11.5	2 4.6	2 5.1	- -
UNDER 7 DAYS OF AGE	380 5.1	221 4.0	159 8.4	4 4.6	4 5.2	- -	2 4.6	2 5.1	- -
7-27 DAYS OF AGE	110 1.5	61 1.1	49 2.6	2 2.3	1 1.3	1 11.5	- -	- -	- -
FETAL DEATHS	442 5.9	285 5.1	158 8.3	2 2.3	2 2.6	- -	4 9.1	2 5.1	2 43.5
INDUCED ABORTIONS	19641 262.3	12437 220.0	7170 391.1	250 289.7	226 287.5	24 311.7	51 116.4	43 108.9	8 186.0
TOTAL DEATHS	46204 9.5	36348 9.5	7856 9.5	644 9.4	623 9.6	21 5.8	308 10.1	265 9.8	43 13.0
CAUSE OF DEATH									
SEPTICEMIA (038)	257 5.3	188 4.6	69 8.3	2 2.9	2 3.1	- -	2 6.6	2 7.4	- -
MALIGNANT NEOPLASMS (140-208)	10504 215.4	8793 217.2	1711 206.4	167 244.7	162 250.7	5 -	76 249.9	68 251.0	8 -
DIABETES MELLITUS (250)	914 18.7	723 17.9	191 23.0	8 11.7	7 10.8	1 -	6 19.7	6 22.1	- -
DISEASES OF HEART (390-398,402,404-429)	15415 316.1	13030 321.9	2385 287.7	179 262.3	173 267.7	6 -	103 338.7	85 313.7	18 -
CEREBROVASCULAR DISEASE (430-438)	3622 74.3	2976 73.5	646 77.9	44 64.5	44 68.1	- -	20 65.8	15 55.4	5 -
ATHEROSCLEROSIS (440)	405 8.3	364 9.0	41 4.9	12 17.6	12 18.6	- -	2 6.6	2 7.4	- -
PNEUMONIA AND INFLUENZA (480-487)	1696 34.8	1457 36.0	239 28.8	31 45.4	30 46.4	1 -	13 42.7	12 44.3	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	1876 38.5	1687 41.7	189 22.8	28 41.0	28 43.3	- -	16 52.6	15 55.4	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	508 10.4	411 10.2	97 11.7	10 14.7	10 15.5	- -	4 13.2	4 14.8	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	400 8.2	289 7.1	111 13.4	6 8.8	6 9.3	- -	7 23.0	5 18.5	2 -
CONGENITAL ANOMALIES (740-759)	253 5.2	181 4.5	72 8.7	6 8.8	5 7.7	1 -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	367 7.5	193 4.8	174 21.0	1 1.5	1 1.5	- -	2 6.6	2 7.4	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	858 17.8	695 17.2	173 20.9	25 36.6	22 34.0	3 -	2 6.6	2 7.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2264 46.4	1904 47.0	360 43.4	28 41.0	28 43.3	- -	14 46.0	12 44.3	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1210 24.8	1039 25.7	171 20.6	16 23.4	16 24.8	- -	8 26.3	6 22.1	2 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1054 21.6	865 21.4	189 22.8	12 17.6	12 18.6	- -	6 19.7	6 22.1	- -
SUICIDE (E950-E959)	654 13.4	579 14.3	75 9.0	13 19.0	13 20.1	- -	2 6.6	2 7.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	564 11.6	240 5.9	324 39.1	4 5.9	4 6.2	- -	- -	- -	- -
ALL OTHER CAUSES	5637 115.6	4638 114.6	999 120.5	80 117.2	76 117.6	4 -	39 128.2	33 121.8	6 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(Continued)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	BENTON			BLED SOE			BLOUNT		
	ALL RACES 14,524 NO. RATE	WHITE 14,109 NO. RATE	OTHER RACES 415 NO. RATE	ALL RACES 9,669 NO. RATE	WHITE 9,242 NO. RATE	OTHER RACES 427 NO. RATE	ALL RACES 85,969 NO. RATE	WHITE 82,503 NO. RATE	OTHER RACES 3,466 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	181 12.5	173 12.3	8 19.3	123 12.7	120 13.0	3 7.0	1142 13.3	1068 12.9	73 21.1
ILLEGITIMATE BIRTHS	33 18.2	27 15.6	6 -	24 19.5	22 18.3	2 -	201 17.6	161 15.1	40 54.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	15 8.3	14 8.1	1 -	3 2.4	3 2.5	-	72 6.3	68 6.4	4 5.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 16.6	3 17.3	-	-	-	-	11 9.6	10 9.4	1 13.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3 16.6	3 17.3	-	-	-	-	7 6.1	7 6.6	-
UNDER 7 DAYS OF AGE	2 11.0	2 11.6	-	-	-	-	7 6.1	7 6.6	-
7-27 DAYS OF AGE	1 5.5	1 5.8	-	-	-	-	-	-	-
FETAL DEATHS	2 11.0	2 11.6	-	-	-	-	4 3.5	4 3.7	-
INDUCED ABORTIONS	13 71.8	11 63.6	2 -	2 16.3	1 8.3	1 -	264 231.2	243 226.5	21 308.8
TOTAL DEATHS	190 13.1	185 13.1	5 12.0	93 9.6	92 10.0	1 2.3	800 9.3	764 9.3	36 10.4
CAUSE OF DEATH									
SEPTICEMIA (038)	1 6.9	1 7.1	-	-	-	-	3 3.5	3 3.6	-
MALIGNANT NEOPLASMS (140-208)	46 316.7	45 318.9	1 -	16 165.5	16 173.1	-	194 225.7	186 225.4	8 -
DIABETES MELLITUS (250)	5 34.4	5 35.4	-	5 51.7	5 54.1	-	13 15.1	12 14.5	1 -
DISEASES OF HEART (390-398,402,404-429)	65 447.5	63 446.5	2 -	32 331.0	31 335.4	1 -	229 266.4	219 265.4	10 -
CEREBROVASCULAR DISEASE (430-438)	13 89.5	13 92.1	-	8 82.7	8 86.6	-	74 86.1	74 89.7	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	6 7.0	6 7.3	-
PNEUMONIA AND INFLUENZA (480-487)	19 130.8	17 120.5	2 -	4 41.4	4 43.3	-	31 36.1	31 37.6	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 34.4	5 35.4	-	4 41.4	4 43.3	-	22 25.6	20 24.2	2 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	3 31.0	3 32.5	-	6 7.0	6 7.3	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 13.8	2 14.2	-	-	-	-	10 11.6	8 9.7	2 -
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	4 4.7	4 4.8	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 13.8	2 14.2	-	-	-	-	7 8.1	7 8.5	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 6.9	1 7.1	-	-	-	-	27 31.4	25 30.3	2 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13 89.5	13 92.1	-	8 82.7	8 86.6	-	41 47.7	40 48.5	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 48.2	7 49.6	-	3 31.0	3 32.5	-	25 29.1	25 30.3	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 41.3	6 42.5	-	5 51.7	5 54.1	-	16 18.6	15 18.2	1 -
SUICIDE (E950-E959)	3 20.7	3 21.3	-	3 31.0	3 32.5	-	10 11.6	10 12.1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 6.9	1 7.1	-	1 10.3	1 10.8	-	2 2.3	2 2.4	-
ALL OTHER CAUSES	14 96.4	14 99.2	-	9 93.1	9 97.4	-	121 140.7	111 134.5	10 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	BRADLEY			CAMPBELL			CANNON		
	ALL RACES 73,712 NO. RATE	WHITE 70,132 NO. RATE	OTHER RACES 3,580 NO. RATE	ALL RACES 35,079 NO. RATE	WHITE 34,727 NO. RATE	OTHER RACES 352 NO. RATE	ALL RACES 10,467 NO. RATE	WHITE 10,236 NO. RATE	OTHER RACES 231 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	1076 14.6	1005 14.3	71 19.8	466 13.3	462 13.3	4 11.4	150 14.3	148 14.5	2 8.7
ILLEGITIMATE BIRTHS	251 23.3	207 20.6	44 62.0	121 26.0	120 26.0	1 -	22 14.7	20 13.5	2 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	69 6.4	58 5.8	11 15.5	31 6.7	31 6.7	- -	13 8.7	13 8.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8 7.4	8 8.0	- -	6 12.9	6 13.0	- -	1 6.7	1 6.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 3.7	4 4.0	- -	3 6.4	3 6.5	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	3 2.8	3 3.0	- -	2 4.3	2 4.3	- -	- -	- -	- -
7-27 DAYS OF AGE	1 0.9	1 1.0	- -	1 2.1	1 2.2	- -	- -	- -	- -
FETAL DEATHS	11 10.2	10 10.0	1 14.1	2 4.3	2 4.3	- -	- -	- -	- -
INDUCED ABORTIONS	208 193.3	192 189.7	16 250.0	62 133.0	62 133.9	- -	16 106.7	16 108.1	- -
TOTAL DEATHS	585 7.9	559 8.0	26 7.3	361 10.3	358 10.3	3 8.5	115 11.0	113 11.0	2 8.7
CAUSE OF DEATH									
SEPTICEMIA (038)	1 1.4	1 1.4	- -	3 8.6	3 8.6	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	148 200.8	138 196.8	10 -	87 248.0	87 250.5	- -	21 200.6	21 205.2	- -
DIABETES MELLITUS (250)	16 21.7	15 21.4	1 -	4 11.4	4 11.5	- -	4 38.2	4 39.1	- -
DISEASES OF HEART (390-398,402,404-429)	206 279.5	201 286.6	5 -	130 370.6	128 368.6	2 -	39 372.6	38 371.2	1 -
CEREBROVASCULAR DISEASE (430-438)	47 63.8	44 62.7	3 -	26 74.1	26 74.9	- -	12 114.6	12 117.2	- -
ATHEROSCLEROSIS (440)	4 5.4	4 5.7	- -	2 5.7	2 5.8	- -	1 9.6	1 9.8	- -
PNEUMONIA AND INFLUENZA (480-487)	24 32.6	24 34.2	- -	17 48.5	17 49.0	- -	3 28.7	3 29.3	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	18 24.4	18 25.7	- -	12 34.2	12 34.6	- -	9 86.0	9 87.9	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 9.5	7 10.0	- -	2 5.7	2 5.8	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 2.7	2 2.9	- -	3 8.6	3 8.6	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	2 2.7	2 2.9	- -	4 11.4	4 11.5	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 2.7	2 2.9	- -	1 2.9	1 2.9	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11 14.9	11 15.7	- -	4 11.4	4 11.5	- -	1 9.6	1 9.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	24 32.6	23 32.8	1 -	14 39.9	14 40.3	- -	10 95.5	9 87.9	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 13.6	10 14.3	- -	7 20.0	7 20.2	- -	8 76.4	7 68.4	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	14 19.0	13 18.5	1 -	7 20.0	7 20.2	- -	2 19.1	2 19.5	- -
SUICIDE (E950-E959)	8 10.9	8 11.4	- -	8 22.8	8 23.0	- -	- -	- -	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4 5.4	3 4.3	1 -	3 8.6	3 8.6	- -	- -	- -	- -
ALL OTHER CAUSES	61 82.8	56 79.8	5 -	41 116.9	40 115.2	1 -	15 143.3	15 146.5	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CARROLL			CARTER			CHEATHAM		
	ALL RACES 27,514 NO. RATE	WHITE 24,303 NO. RATE	OTHER RACES 3,211 NO. RATE	ALL RACES 51,505 NO. RATE	WHITE 50,763 NO. RATE	OTHER RACES 742 NO. RATE	ALL RACES 27,140 NO. RATE	WHITE 26,460 NO. RATE	OTHER RACES 680 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	365 13.3	317 13.0	48 14.9	591 11.5	573 11.3	18 24.3	420 15.5	414 15.6	6 8.8
ILLEGITIMATE BIRTHS	77 21.1	53 16.7	24 50.0	122 20.6	111 19.4	11 61.1	62 14.8	60 14.5	2 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	27 7.4	24 7.6	3 6.3	48 8.1	45 7.9	3 16.7	25 6.0	25 6.0	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7 19.2	7 22.1	- -	4 6.8	4 7.0	- -	1 2.4	1 2.4	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 11.0	4 12.6	- -	4 6.8	4 7.0	- -	1 2.4	1 2.4	- -
UNDER 7 DAYS OF AGE	2 5.5	2 6.3	- -	2 3.4	2 3.5	- -	1 2.4	1 2.4	- -
7-27 DAYS OF AGE	2 5.5	2 6.3	- -	2 3.4	2 3.5	- -	- -	- -	- -
FETAL DEATHS	2 5.5	2 6.3	- -	1 1.7	1 1.7	- -	1 2.4	1 2.4	- -
INDUCED ABORTIONS	62 169.9	50 155.8	12 272.7	61 103.2	60 104.0	1 71.4	68 161.9	66 159.0	2 -
TOTAL DEATHS	386 14.0	350 14.4	36 11.2	576 11.2	570 11.2	6 8.1	214 7.9	206 7.8	8 11.8
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	3 5.8	3 5.9	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	86 312.6	74 304.5	12 -	130 252.4	126 248.2	4 -	68 250.6	64 241.9	4 -
DIABETES MELLITUS (250)	3 10.9	2 8.2	1 -	17 33.0	17 33.5	- -	7 25.8	6 22.7	1 -
DISEASES OF HEART (390-398,402,404-429)	148 537.9	138 567.8	10 -	200 388.3	199 392.0	1 -	59 217.4	58 219.2	1 -
CEREBROVASCULAR DISEASE (430-438)	34 123.6	33 135.8	1 -	35 68.0	35 68.9	- -	13 47.9	12 45.4	1 -
ATHEROSCLEROSIS (440)	5 18.2	5 20.6	- -	3 5.8	3 5.9	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	5 18.2	4 16.5	1 -	16 31.1	15 29.5	1 -	7 25.8	7 26.5	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	21 76.3	18 74.1	3 -	22 42.7	22 43.3	- -	15 55.3	15 56.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 10.9	3 12.3	- -	10 19.4	10 19.7	- -	2 7.4	2 7.6	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 10.9	2 8.2	1 -	5 9.7	5 9.8	- -	1 3.7	- -	1 -
CONGENITAL ANOMALIES (740-759)	1 3.6	1 4.1	- -	1 1.9	1 2.0	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 7.3	2 8.2	- -	3 5.8	3 5.9	- -	1 3.7	1 3.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 10.9	3 12.3	- -	5 9.7	5 9.8	- -	1 3.7	1 3.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	21 76.3	17 70.0	4 -	28 54.4	28 55.2	- -	12 44.2	12 45.4	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 36.3	6 24.7	4 -	9 17.5	9 17.7	- -	8 29.5	8 30.2	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11 40.0	11 45.3	- -	19 36.9	19 37.4	- -	4 14.7	4 15.1	- -
SUICIDE (E950-E959)	3 10.9	2 8.2	1 -	10 19.4	10 19.7	- -	5 18.4	5 18.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	1 3.6	1 4.1	- -	4 7.8	4 7.9	- -	1 3.7	1 3.8	- -
ALL OTHER CAUSES	47 170.8	45 185.2	2 -	84 163.1	84 165.5	- -	22 81.1	22 83.1	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CHESTER			CLAIBORNE			CLAY		
	ALL RACES 12,819 NO. RATE	WHITE 11,355 NO. RATE	OTHER RACES 1,464 NO. RATE	ALL RACES 26,137 NO. RATE	WHITE 25,701 NO. RATE	OTHER RACES 436 NO. RATE	ALL RACES 7,238 NO. RATE	WHITE 7,103 NO. RATE	OTHER RACES 135 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	146 11.4	118 10.4	28 19.1	347 13.3	342 13.3	5 11.5	90 12.4	89 12.5	1 7.4
ILLEGITIMATE BIRTHS	31 21.2	14 11.9	17 60.7	51 14.7	50 14.6	1 -	22 24.4	21 23.6	1 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	5 3.4	4 3.4	1 3.6	15 4.3	15 4.4	-	3 3.3	3 3.4	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	6 17.3	6 17.5	-	1 11.1	1 11.2	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	4 11.5	4 11.7	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	1 2.9	1 2.9	-	-	-	-
7-27 DAYS OF AGE	-	-	-	3 8.6	3 8.8	-	-	-	-
FETAL DEATHS	-	-	-	3 8.6	3 8.8	-	-	-	-
INDUCED ABORTIONS	34 232.9	28 231.4	6 240.0	62 178.7	60 174.9	2 -	9 100.0	8 89.9	1 -
TOTAL DEATHS	124 9.7	110 9.7	14 9.6	262 10.0	259 10.1	3 6.9	88 12.2	85 12.0	3 22.2
CAUSE OF DEATH									
SEPTICEMIA (038)	-	-	-	1 3.8	1 3.9	-	1 13.8	1 14.1	-
MALIGNANT NEOPLASMS (140-208)	23 179.4	16 140.9	7 -	57 218.1	56 217.9	1 -	21 290.1	21 295.6	-
DIABETES MELLITUS (250)	1 7.8	1 8.8	-	6 23.0	5 19.5	1 -	2 27.6	2 28.2	-
DISEASES OF HEART (390-398,402,404-429)	45 351.0	41 361.1	4 -	111 424.7	111 431.9	-	32 442.1	32 450.5	-
CEREBROVASCULAR DISEASE (430-438)	16 124.8	14 123.3	2 -	12 45.9	12 46.7	-	5 69.1	4 56.3	1 -
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	3 41.4	3 42.2	-
PNEUMONIA AND INFLUENZA (480-487)	6 46.8	6 52.8	-	17 65.0	17 66.1	-	3 41.4	3 42.2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 39.0	4 35.2	1 -	6 23.0	6 23.3	-	3 41.4	3 42.2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	5 19.1	5 19.5	-	2 27.6	2 28.2	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	1 3.8	1 3.9	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	2 7.7	2 7.8	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 15.6	2 17.6	-	3 11.5	3 11.7	-	1 13.8	1 14.1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10 78.0	10 88.1	-	12 45.9	12 46.7	-	3 41.4	3 42.2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8 62.4	8 70.5	-	6 23.0	6 23.3	-	3 41.4	3 42.2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 15.6	2 17.6	-	6 23.0	6 23.3	-	-	-	-
SUICIDE (E950-E959)	1 7.8	1 8.8	-	7 26.8	6 23.3	1 -	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 7.8	1 8.8	-	1 3.8	1 3.9	-	2 27.6	1 14.1	1 -
ALL OTHER CAUSES	14 109.2	14 123.3	-	21 80.3	21 81.7	-	10 138.2	9 126.7	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	COCKE			COFFEE			CROCKETT		
1990 CENSUS POPULATION	ALL RACES 29,141 NO. RATE	WHITE 28,398 NO. RATE	OTHER RACES 743 NO. RATE	ALL RACES 40,339 NO. RATE	WHITE 38,459 NO. RATE	OTHER RACES 1,880 NO. RATE	ALL RACES 13,378 NO. RATE	WHITE 11,097 NO. RATE	OTHER RACES 2,281 NO. RATE
LIVE BIRTHS	407 14.0	394 13.9	13 17.5	662 16.4	622 16.2	40 21.3	175 13.1	135 12.2	40 17.5
ILLEGITIMATE BIRTHS	129 31.7	119 30.2	10 76.9	147 22.2	124 19.9	23 57.5	43 24.6	18 13.3	25 62.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35 8.6	35 8.9	- -	50 7.6	46 7.4	4 10.0	11 6.3	8 5.9	3 7.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 4.9	2 5.1	- -	6 9.1	5 8.0	1 25.0	4 22.9	2 14.8	2 50.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.5	1 2.5	- -	5 7.6	4 6.4	1 25.0	1 5.7	- -	1 25.0
UNDER 7 DAYS OF AGE	1 2.5	1 2.5	- -	5 7.6	4 6.4	1 25.0	1 5.7	- -	1 25.0
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	5 12.3	5 12.7	- -	1 1.5	1 1.6	- -	1 5.7	- -	1 25.0
INDUCED ABORTIONS	80 196.6	75 188.0	5 -	107 161.6	103 164.0	4 117.6	29 165.7	20 148.1	9 225.0
TOTAL DEATHS	327 11.2	321 11.3	6 8.1	381 9.4	370 9.6	11 5.9	181 13.5	149 13.4	32 14.0
CAUSE OF DEATH									
SEPTICEMIA (038)	1 3.4	1 3.5	- -	- -	- -	- -	1 7.5	1 9.0	- -
MALIGNANT NEOPLASMS (140-208)	72 247.1	72 253.5	- -	91 225.6	88 228.8	- -	36 269.1	28 252.3	8 -
DIABETES MELLITUS (250)	8 27.5	8 28.2	- -	6 14.9	6 15.6	3 -	2 14.9	1 9.0	1 -
DISEASES OF HEART (390-398,402,404-429)	112 384.3	109 383.8	3 -	153 379.3	149 387.4	4 -	69 515.8	59 531.7	10 -
CEREBROVASCULAR DISEASE (430-438)	36 123.5	35 123.2	1 -	24 59.5	24 62.4	- -	12 89.7	7 63.1	5 -
ATHEROSCLEROSIS (440)	- -	- -	- -	1 2.5	1 2.6	- -	19 142.0	17 153.2	2 -
PNEUMONIA AND INFLUENZA (480-487)	8 27.5	7 24.6	1 -	15 37.2	15 39.0	- -	5 37.4	4 36.0	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13 44.6	13 45.8	- -	15 37.2	15 39.0	- -	5 37.4	4 36.0	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 3.4	1 3.5	- -	4 9.9	4 10.4	- -	1 7.5	1 9.0	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 3.4	1 3.5	- -	4 9.9	4 10.4	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	1 2.5	1 2.6	- -	3 22.4	2 18.0	1 -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.4	1 3.5	- -	4 9.9	3 7.8	1 -	1 7.5	- -	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4 13.7	4 14.1	- -	6 14.9	5 13.0	1 -	2 14.9	2 18.0	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23 78.9	23 81.0	- -	15 37.2	13 33.8	2 -	5 37.4	3 27.0	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	12 41.2	12 42.3	- -	6 14.9	5 13.0	1 -	2 14.9	1 9.0	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11 37.7	11 38.7	- -	9 22.3	8 20.8	1 -	3 22.4	2 18.0	1 -
SUICIDE (E950-E959)	3 10.3	3 10.6	- -	5 12.4	5 13.0	- -	6 44.8	6 54.1	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5 17.2	5 17.6	- -	2 5.0	2 5.2	- -	1 7.5	1 9.0	- -
ALL OTHER CAUSES	39 133.8	38 133.8	1 -	35 86.8	35 91.0	- -	13 97.2	13 117.1	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CUMBERLAND			DAVIDSON			DECATUR		
	ALL RACES 34,736 NO. RATE	WHITE 34,475 NO. RATE	OTHER RACES 261 NO. RATE	ALL RACES 510,784 NO. RATE	WHITE 381,740 NO. RATE	OTHER RACES 129,044 NO. RATE	ALL RACES 10,472 NO. RATE	WHITE 10,000 NO. RATE	OTHER RACES 472 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	423 12.2	422 12.2	1 3.8	6706 17.0	5056 15.3	2847 22.1	123 11.7	114 11.4	9 19.1
ILLEGITIMATE BIRTHS	98 23.2	98 23.2	- -	3094 35.5	1176 20.1	1918 67.4	24 19.5	16 14.0	8 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	37 8.7	37 8.8	- -	787 9.0	405 6.9	382 13.4	9 7.3	9 7.9	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 4.7	2 4.7	- -	83 9.5	36 6.1	47 16.5	1 8.1	1 8.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.4	1 2.4	- -	53 6.1	26 4.4	27 9.5	- -	- -	- -
UNDER 7 DAYS OF AGE	1 2.4	1 2.4	- -	45 5.2	23 3.9	22 7.7	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	8 0.9	3 0.5	5 1.8	- -	- -	- -
FETAL DEATHS	3 7.1	3 7.1	- -	48 5.5	23 3.9	25 8.8	- -	- -	- -
INDUCED ABORTIONS	86 203.3	86 203.3	- -	2488 285.8	1629 273.2	854 311.6	27 219.5	25 217.4	2 -
TOTAL DEATHS	367 10.6	365 10.6	2 7.7	4605 9.0	3458 9.1	1147 8.9	148 14.1	140 14.0	8 16.9
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	25 4.9	21 5.5	4 3.1	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	100 287.9	100 290.1	- -	1037 203.0	767 200.9	270 209.2	30 286.5	29 290.0	1 -
DIABETES MELLITUS (250)	7 20.2	7 20.3	- -	97 19.0	67 17.6	30 23.2	2 19.1	2 20.0	- -
DISEASES OF HEART (390-398,402,404-429)	116 333.9	116 336.5	- -	1539 301.3	1191 312.0	348 269.7	64 611.2	59 590.0	5 -
CEREBROVASCULAR DISEASE (430-438)	27 77.7	27 78.3	- -	344 67.3	273 71.5	71 55.0	11 105.0	11 110.0	- -
ATHEROSCLEROSIS (440)	6 17.3	6 17.4	- -	18 3.5	17 4.5	1 0.8	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	19 54.7	19 55.1	- -	186 36.4	142 37.2	44 34.1	5 47.7	4 40.0	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	19 54.7	19 55.1	- -	185 36.2	156 40.9	29 22.5	8 76.4	7 70.0	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 11.5	4 11.6	- -	56 11.0	38 10.0	18 13.9	1 9.5	1 10.0	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7 20.2	7 20.3	- -	48 9.4	34 8.9	14 10.8	1 9.5	1 10.0	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	30 5.9	18 4.7	12 9.3	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	39 7.6	18 4.7	21 16.3	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 2.9	1 2.9	- -	33 6.5	21 5.5	12 9.3	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23 66.2	21 60.9	2 -	199 39.0	137 35.9	62 48.0	10 95.5	10 100.0	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	13 37.4	12 34.8	1 -	115 22.5	82 21.5	33 25.6	4 38.2	4 40.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10 28.8	9 26.1	1 -	84 16.4	55 14.4	29 22.5	6 57.3	6 60.0	- -
SUICIDE (E950-E959)	5 14.4	5 14.5	- -	67 13.1	57 14.9	10 7.7	3 28.6	3 30.0	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 2.9	1 2.9	- -	73 14.3	26 6.8	47 36.4	1 9.5	1 10.0	- -
ALL OTHER CAUSES	32 92.1	32 92.8	- -	629 123.1	475 124.4	154 119.3	12 114.6	12 120.0	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	DEKALB			DICKSON			DYER		
1990 CENSUS POPULATION	ALL RACES 14,360 NO. RATE	WHITE 14,074 NO. RATE	OTHER RACES 286 NO. RATE	ALL RACES 35,061 NO. RATE	WHITE 33,145 NO. RATE	OTHER RACES 1,916 NO. RATE	ALL RACES 34,854 NO. RATE	WHITE 30,541 NO. RATE	OTHER RACES 4,313 NO. RATE
LIVE BIRTHS	174 12.1	171 12.2	3 10.5	572 16.3	488 14.7	84 43.8	550 15.8	442 14.5	108 25.0
ILLEGITIMATE BIRTHS	32 18.4	32 18.7	- -	142 24.8	99 20.3	43 51.2	148 26.9	71 16.1	77 71.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	10 5.7	10 5.8	- -	37 6.5	29 5.9	8 9.5	53 9.6	32 7.2	21 19.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 11.5	2 11.7	- -	11 19.2	8 16.4	3 35.7	7 12.7	4 9.0	3 27.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 5.7	1 5.8	- -	9 15.7	6 12.3	3 35.7	5 9.1	2 4.5	3 27.8
UNDER 7 DAYS OF AGE	1 5.7	1 5.8	- -	7 12.2	5 10.2	2 23.8	4 7.3	1 2.3	3 27.8
7-27 DAYS OF AGE	- -	- -	- -	2 3.5	1 2.0	1 11.9	1 1.8	1 2.3	- -
FETAL DEATHS	1 5.7	1 5.8	- -	5 8.7	5 10.2	- -	2 3.6	2 4.5	- -
INDUCED ABORTIONS	21 120.7	21 122.8	- -	75 131.1	67 132.1	8 123.1	90 163.6	66 148.6	24 226.4
TOTAL DEATHS	185 12.9	181 12.9	4 14.0	354 10.1	325 9.8	29 15.1	388 11.1	344 11.3	44 10.2
CAUSE OF DEATH									
SEPTICEMIA (038)	1 7.0	1 7.1	- -	- -	- -	- -	4 11.5	2 6.5	2 -
MALIGNANT NEOPLASMS (140-208)	41 285.5	40 284.2	1 -	81 231.0	72 217.2	9 -	63 180.8	57 186.6	6 -
DIABETES MELLITUS (250)	- -	- -	- -	10 28.5	8 24.1	2 -	7 20.1	7 22.9	- -
DISEASES OF HEART (390-398,402,404-429)	65 452.6	63 447.6	2 -	108 308.0	105 316.8	3 -	129 370.1	118 386.4	11 -
CEREBROVASCULAR DISEASE (430-438)	11 76.6	11 78.2	- -	31 88.4	28 84.5	3 -	20 57.4	19 62.2	1 -
ATHEROSCLEROSIS (440)	- -	- -	- -	1 2.9	1 3.0	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	7 48.7	7 49.7	- -	15 42.8	14 42.2	1 -	16 45.9	12 39.3	4 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4 27.9	4 28.4	- -	14 39.9	14 42.2	- -	21 60.3	21 68.8	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 7.0	1 7.1	- -	2 5.7	2 6.0	- -	4 11.5	4 13.1	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 34.8	5 35.5	- -	6 17.1	4 12.1	2 -	3 8.6	2 6.5	1 -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	4 11.4	3 9.1	1 -	3 8.6	3 9.8	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 13.9	2 14.2	- -	5 14.3	3 9.1	2 -	4 11.5	1 3.3	3 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 20.9	3 21.3	- -	6 17.1	6 18.1	- -	30 86.1	25 81.9	5 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9 62.7	8 56.8	1 -	22 62.7	21 63.4	1 -	21 60.3	19 62.2	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 41.8	6 42.6	- -	18 51.3	17 51.3	1 -	12 34.4	12 39.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 20.9	2 14.2	1 -	4 11.4	4 12.1	- -	9 25.8	7 22.9	2 -
SUICIDE (E950-E959)	5 34.8	5 35.5	- -	4 11.4	4 12.1	- -	2 5.7	2 6.5	- -
HOHICIDE AND LEGAL INTERVENTION (E960-E978)	2 13.9	2 14.2	- -	1 2.9	1 3.0	- -	9 25.8	3 9.8	6 -
ALL OTHER CAUSES	29 201.9	29 206.1	- -	44 125.5	39 117.7	5 -	52 149.2	49 160.4	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	FAYETTE			FENTRESS			FRANKLIN		
	ALL RACES 25,559 NO. RATE	WHITE 14,204 NO. RATE	OTHER RACES 11,355 NO. RATE	ALL RACES 14,669 NO. RATE	WHITE 14,636 NO. RATE	OTHER RACES 33 NO. RATE	ALL RACES 34,725 NO. RATE	WHITE 32,425 NO. RATE	OTHER RACES 2,300 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	374 14.6	198 13.9	175 15.4	172 11.7	172 11.8	- -	419 12.1	391 12.1	28 12.2
ILLEGITIMATE BIRTHS	155 41.4	26 13.1	128 73.1	26 15.1	26 15.1	- -	81 19.3	65 16.6	16 57.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 5.3	8 4.0	12 6.9	11 6.4	11 6.4	- -	38 9.1	33 8.4	5 17.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 10.7	1 5.1	3 17.1	3 17.4	3 17.4	- -	5 11.9	5 12.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.7	- -	1 5.7	2 11.6	2 11.6	- -	3 7.2	3 7.7	- -
UNDER 7 DAYS OF AGE	1 2.7	- -	1 5.7	1 5.8	1 5.8	- -	3 7.2	3 7.7	- -
7-27 DAYS OF AGE	- -	- -	- -	1 5.8	1 5.8	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	3 7.2	2 5.1	1 35.7
INDUCED ABORTIONS	90 240.6	35 175.9	55 316.1	23 133.7	23 133.7	- -	87 207.6	82 207.6	4 166.7
TOTAL DEATHS	257 10.1	131 9.2	126 11.1	152 10.4	152 10.4	- -	325 9.4	308 9.5	17 7.4
CAUSE OF DEATH									
SEPTICEMIA (038)	2 7.8	1 7.0	1 8.8	- -	- -	- -	2 5.8	2 6.2	- -
MALIGNANT NEOPLASMS (140-208)	63 246.5	32 225.3	31 273.0	35 238.6	35 239.1	- -	68 195.8	63 194.3	5 -
DIABETES MELLITUS (250)	5 19.6	1 7.0	4 35.2	1 6.8	1 6.8	- -	5 14.4	3 9.3	2 -
DISEASES OF HEART (390-398,402,404-429)	75 293.4	40 281.6	35 308.2	55 374.9	55 375.8	- -	129 371.5	121 373.2	8 -
CEREBROVASCULAR DISEASE (430-438)	31 121.3	16 112.6	15 132.1	12 81.8	12 82.0	- -	16 46.1	16 49.3	- -
ATHEROSCLEROSIS (440)	2 7.8	2 14.1	- -	6 40.9	6 41.0	- -	2 5.8	2 6.2	- -
PNEUMONIA AND INFLUENZA (480-487)	8 31.3	6 42.2	2 17.6	7 47.7	7 47.8	- -	9 25.9	9 27.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	7 27.4	5 35.2	2 17.6	10 68.2	10 68.3	- -	14 40.3	14 43.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 11.7	- -	3 26.4	- -	- -	- -	3 8.6	3 9.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 3.9	- -	1 8.8	2 13.6	2 13.7	- -	4 11.5	4 12.3	- -
CONGENITAL ANOMALIES (740-759)	2 7.8	1 7.0	1 8.8	1 6.8	1 6.8	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.9	- -	1 8.8	2 13.6	2 13.7	- -	3 8.6	3 9.3	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19 74.3	8 56.3	11 96.9	- -	- -	- -	4 11.5	4 12.3	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14 54.8	5 35.2	9 79.3	5 34.1	5 34.2	- -	20 57.6	20 61.7	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 27.4	3 21.1	4 35.2	2 13.6	2 13.7	- -	8 23.0	8 24.7	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 27.4	2 14.1	5 44.0	3 20.5	3 20.5	- -	12 34.6	12 37.0	- -
SUICIDE (E950-E959)	3 11.7	2 14.1	1 8.8	1 6.8	1 6.8	- -	5 14.4	4 12.3	1 -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 11.7	2 14.1	1 8.8	1 6.8	1 6.8	- -	5 14.4	5 15.4	- -
ALL OTHER CAUSES	18 70.4	10 70.4	8 70.5	14 95.4	14 95.7	- -	36 103.7	35 107.9	1 -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	GIBSON			GILES			GRAINGER		
	ALL RACES 46,315 NO. RATE	WHITE 37,237 NO. RATE	OTHER RACES 9,078 NO. RATE	ALL RACES 25,741 NO. RATE	WHITE 22,184 NO. RATE	OTHER RACES 3,557 NO. RATE	ALL RACES 17,095 NO. RATE	WHITE 16,939 NO. RATE	OTHER RACES 156 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	689 14.9	489 13.1	200 22.0	378 14.7	317 14.3	61 17.1	210 12.3	210 12.4	- -
ILLEGITIMATE BIRTHS	204 29.6	67 13.7	137 68.5	99 26.2	56 17.7	43 70.5	35 16.7	35 16.7	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	63 9.1	31 6.3	32 16.0	35 9.3	25 7.9	10 16.4	31 14.8	31 14.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10 14.5	6 12.3	4 20.0	1 2.6	1 3.2	- -	3 14.3	3 14.3	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 5.8	3 6.1	1 5.0	1 2.6	1 3.2	- -	2 9.5	2 9.5	- -
UNDER 7 DAYS OF AGE	2 2.9	2 4.1	- -	1 2.6	1 3.2	- -	2 9.5	2 9.5	- -
7-27 DAYS OF AGE	2 2.9	1 2.0	1 5.0	- -	- -	- -	2 9.5	2 9.5	- -
FETAL DEATHS	5 7.3	1 2.0	4 20.0	5 13.2	3 9.5	2 32.8	2 9.5	2 9.5	- -
INDUCED ABORTIONS	88 127.7	60 121.7	28 142.9	50 132.3	32 99.4	17 305.6	38 181.0	37 176.2	1 -
TOTAL DEATHS	595 12.8	505 13.6	90 9.9	295 11.5	263 11.9	32 9.0	168 9.8	167 9.9	1 6.4
CAUSE OF DEATH									
SEPTICEMIA (038)	2 4.3	2 5.4	- -	4 15.5	3 13.5	1 -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	127 274.2	110 295.4	17 187.3	64 248.6	58 261.4	6 -	39 228.1	39 230.2	- -
DIABETES MELLITUS (250)	11 23.8	9 24.2	2 22.0	5 19.4	4 18.0	1 -	5 29.2	4 23.6	1 -
DISEASES OF HEART (390-398,402,404-429)	232 500.9	203 545.2	29 319.5	109 423.4	97 437.3	12 -	54 315.9	54 318.8	- -
CEREBROVASCULAR DISEASE (430-438)	54 116.6	44 118.2	10 110.2	20 77.7	17 76.6	3 -	14 81.9	14 82.6	- -
ATHEROSCLEROSIS (440)	11 23.8	9 24.2	2 22.0	1 3.9	1 4.5	- -	1 5.8	1 5.9	- -
PNEUMONIA AND INFLUENZA (480-487)	14 30.2	13 34.9	1 11.0	15 58.3	12 54.1	3 -	4 23.4	4 23.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	23 49.7	21 56.4	2 22.0	9 35.0	8 36.1	1 -	6 35.1	6 35.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 6.5	3 8.1	- -	2 7.8	2 9.0	- -	3 17.5	3 17.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	12 25.9	6 16.1	6 66.1	1 3.9	1 4.5	- -	1 5.8	1 5.9	- -
CONGENITAL ANOMALIES (740-759)	3 6.5	2 5.4	1 11.0	2 7.8	2 9.0	- -	1 5.8	1 5.9	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5 10.8	4 10.7	1 11.0	1 3.9	1 4.5	- -	2 11.7	2 11.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7 15.1	3 8.1	4 44.1	1 3.9	1 4.5	- -	12 70.2	12 70.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19 41.0	17 45.7	2 22.0	17 66.0	16 72.1	1 -	9 52.6	9 53.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	12 25.9	11 29.5	1 11.0	9 35.0	9 40.6	- -	5 29.2	5 29.5	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 15.1	6 16.1	1 11.0	8 31.1	7 31.6	1 -	4 23.4	4 23.6	- -
SUICIDE (E950-E959)	2 4.3	2 5.4	- -	3 11.7	3 13.5	- -	1 5.8	1 5.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 2.2	- -	1 11.0	3 11.7	2 9.0	1 -	2 11.7	2 11.8	- -
ALL OTHER CAUSES	69 149.0	57 153.1	12 132.2	38 147.6	35 157.8	3 -	14 81.9	14 82.6	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
MITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	GREENE			GRUNDY			HAMBLLEN		
1990 CENSUS POPULATION	ALL RACES 55,853 NO. RATE	WHITE 54,440 NO. RATE	OTHER RACES 1,413 NO. RATE	ALL RACES 13,362 NO. RATE	WHITE 13,294 NO. RATE	OTHER RACES 68 NO. RATE	ALL RACES 50,480 NO. RATE	WHITE 47,891 NO. RATE	OTHER RACES 2,589 NO. RATE
LIVE BIRTHS	674 12.1	655 12.0	19 13.4	184 13.8	184 13.8	- -	741 14.7	686 14.3	55 21.2
ILLEGITIMATE BIRTHS	171 25.4	158 24.1	13 68.4	48 26.1	48 26.1	- -	180 24.3	149 21.7	31 56.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	59 8.8	53 8.1	6 31.6	18 9.8	18 9.8	- -	49 6.6	44 6.4	5 9.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	12 17.8	12 18.3	- -	4 21.7	4 21.7	- -	10 13.5	10 14.6	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9 13.4	9 13.7	- -	1 5.4	1 5.4	- -	6 8.1	6 8.7	- -
UNDER 7 DAYS OF AGE	8 11.9	8 12.2	- -	1 5.4	1 5.4	- -	4 5.4	4 5.8	- -
7-27 DAYS OF AGE	1 1.5	1 1.5	- -	- -	- -	- -	2 2.7	2 2.9	- -
FETAL DEATHS	6 8.9	6 9.2	- -	1 5.4	1 5.4	- -	5 6.7	5 7.3	- -
INDUCED ABORTIONS	124 184.0	121 183.1	3 230.8	21 114.1	20 108.7	- -	161 217.3	152 218.4	9 200.0
TOTAL DEATHS	569 10.2	561 10.3	8 5.7	164 12.3	164 12.3	- -	488 9.7	466 9.7	22 8.5
CAUSE OF DEATH									
SEPTICEMIA (038)	4 7.2	4 7.3	- -	4 29.9	4 30.1	- -	1 2.0	1 2.1	- -
MALIGNANT NEOPLASMS (140-208)	114 204.1	113 207.6	1 -	26 194.6	26 195.6	- -	95 188.2	91 190.0	4 -
DIABETES MELLITUS (250)	8 14.3	8 14.7	- -	2 15.0	2 15.0	- -	7 13.9	6 12.5	1 -
DISEASES OF HEART (390-398,402,404-429)	177 316.9	175 321.5	2 -	53 396.6	53 398.7	- -	173 342.7	166 346.6	7 -
CEREBROVASCULAR DISEASE (430-438)	54 96.7	52 95.5	2 -	7 52.4	7 52.7	- -	64 126.8	62 129.5	2 -
ATHEROSCLEROSIS (440)	6 10.7	6 11.0	- -	- -	- -	- -	4 7.9	4 8.4	- -
PNEUMONIA AND INFLUENZA (480-487)	30 53.7	30 55.1	- -	4 29.9	4 30.1	- -	16 31.7	14 29.2	2 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	29 51.9	29 53.3	- -	8 59.9	8 60.2	- -	20 39.6	19 39.7	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 12.5	7 12.9	- -	3 22.5	3 22.6	- -	6 11.9	6 12.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 9.0	5 9.2	- -	- -	- -	- -	5 9.9	3 6.3	2 -
CONGENITAL ANOMALIES (740-759)	5 9.0	5 9.2	- -	1 7.5	1 7.5	- -	5 9.9	5 10.4	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5 9.0	5 9.2	- -	1 7.5	1 7.5	- -	3 5.9	3 6.3	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6 10.7	6 11.0	- -	12 89.8	12 90.3	- -	3 5.9	2 4.2	1 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	38 68.0	38 69.8	- -	18 134.7	18 135.4	- -	35 69.3	34 71.0	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	19 34.0	19 34.9	- -	9 67.4	9 67.7	- -	24 47.5	24 50.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	19 34.0	19 34.9	- -	9 67.4	9 67.7	- -	11 21.8	10 20.9	1 -
SUICIDE (E950-E959)	10 17.9	10 18.4	- -	- -	- -	- -	7 13.9	6 12.5	1 -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5 9.0	4 7.3	1 -	4 29.9	4 30.1	- -	3 5.9	5 6.3	- -
ALL OTHER CAUSES	66 118.2	64 117.6	2 -	21 157.2	21 158.0	- -	41 81.2	41 85.6	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HAMILTON			HANCOCK			HARDEMAN		
1990 CENSUS POPULATION	ALL RACES 285,536 NO. RATE	WHITE 227,413 NO. RATE	OTHER RACES 58,123 NO. RATE	ALL RACES 6,739 NO. RATE	WHITE 6,596 NO. RATE	OTHER RACES 143 NO. RATE	ALL RACES 23,377 NO. RATE	WHITE 14,536 NO. RATE	OTHER RACES 8,841 NO. RATE
LIVE BIRTHS	4389 15.4	3071 13.5	1318 22.7	85 12.6	85 12.9	- -	380 16.3	186 12.8	194 21.9
ILLEGITIMATE BIRTHS	1509 34.4	553 18.0	956 72.5	18 21.2	18 21.2	- -	159 41.8	23 12.4	136 70.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	347 7.9	172 5.6	175 13.5	7 8.2	7 8.2	- -	35 9.2	12 6.5	23 11.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	35 8.0	22 7.2	13 9.9	1 11.8	1 11.8	- -	7 18.4	3 16.1	4 20.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	21 4.8	13 4.2	8 6.1	- -	- -	- -	5 13.2	2 10.8	3 15.5
UNDER 7 DAYS OF AGE	12 2.7	8 2.6	4 3.0	- -	- -	- -	2 5.3	- -	2 10.3
7-27 DAYS OF AGE	9 2.1	5 1.6	4 3.0	- -	- -	- -	3 7.9	2 10.8	1 5.2
FETAL DEATHS	29 6.6	19 6.2	10 7.6	- -	- -	- -	2 5.3	1 5.4	1 5.2
INDUCED ABORTIONS	1293 294.6	880 283.1	406 316.9	9 105.9	9 105.9	- -	64 168.4	26 139.0	38 196.9
TOTAL DEATHS	2853 10.0	2225 9.8	628 10.8	84 12.5	84 12.7	- -	287 12.3	203 14.0	84 9.5
CAUSE OF DEATH									
SEPTICEMIA (038)	19 6.7	10 4.4	9 15.5	1 14.8	1 15.2	- -	1 4.3	- -	1 11.3
MALIGNANT NEOPLASMS (140-208)	665 232.9	527 231.7	138 237.4	15 222.6	15 227.4	- -	52 222.4	38 261.4	14 158.4
DIABETES MELLITUS (250)	54 18.9	42 18.5	12 20.6	2 29.7	2 30.3	- -	5 21.4	3 20.6	2 22.6
DISEASES OF HEART (390-398,402,404-429)	994 348.1	798 350.9	196 337.2	42 623.2	42 636.7	- -	90 385.0	65 447.2	25 282.8
CEREBROVASCULAR DISEASE (430-438)	200 70.0	154 67.7	46 79.1	7 103.9	7 106.1	- -	29 124.1	21 144.5	8 90.5
ATHEROSCLEROSIS (440)	23 8.1	20 8.8	3 5.2	- -	- -	- -	4 17.1	2 13.8	2 22.6
PNEUMONIA AND INFLUENZA (480-487)	122 42.7	98 43.1	24 41.3	1 14.8	1 15.2	- -	15 64.2	12 82.6	3 33.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	130 45.5	110 48.4	20 34.4	3 44.5	3 45.5	- -	11 47.1	9 61.9	2 22.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	31 10.9	22 9.7	9 15.5	- -	- -	- -	2 8.6	1 6.9	1 11.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	17 6.0	9 4.0	8 13.8	- -	- -	- -	3 12.8	2 13.8	1 11.3
CONGENITAL ANOMALIES (740-759)	19 6.7	15 6.6	4 6.9	1 14.8	1 15.2	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	15 5.3	8 3.5	7 12.0	- -	- -	- -	6 25.7	3 20.6	3 33.9
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11 3.9	7 3.1	4 6.9	- -	- -	- -	5 21.4	5 34.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	120 42.0	99 43.5	21 36.1	5 74.2	5 75.8	- -	36 154.0	22 151.3	14 158.4
MOTOR VEHICLE ACCIDENTS (E810-E825)	54 18.9	50 22.0	4 6.9	4 59.4	4 60.6	- -	27 115.5	17 117.0	10 113.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	66 23.1	49 21.5	17 29.2	1 14.8	1 15.2	- -	9 38.5	5 34.4	4 45.2
SUICIDE (E950-E959)	27 9.5	21 9.2	6 10.3	1 14.8	1 15.2	- -	2 8.6	2 13.8	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	42 14.7	15 6.6	27 46.5	- -	- -	- -	3 12.8	2 13.8	1 11.3
ALL OTHER CAUSES	364 127.5	270 118.7	94 161.7	6 89.0	6 91.0	- -	23 98.4	16 110.1	7 79.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HARDIN			HAWKINS			HAYWOOD		
	ALL RACES 22,633 NO. RATE	WHITE 21,539 NO. RATE	OTHER RACES 1,094 NO. RATE	ALL RACES 44,565 NO. RATE	WHITE 43,664 NO. RATE	OTHER RACES 901 NO. RATE	ALL RACES 19,437 NO. RATE	WHITE 9,676 NO. RATE	OTHER RACES 9,761 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	319 14.1	290 13.5	29 26.5	556 12.5	534 12.2	22 24.4	316 16.3	121 12.5	195 20.0
ILLEGITIMATE BIRTHS	64 20.1	51 17.6	13 44.8	99 17.8	95 17.8	4 18.2	167 52.8	21 17.4	146 74.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	18 5.6	13 4.5	5 17.2	46 8.3	44 8.2	2 9.1	30 9.5	11 9.1	19 9.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 3.1	1 3.4	- -	1 1.8	1 1.9	- -	2 6.3	1 8.3	1 5.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	2 6.3	1 8.3	1 5.1
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 6.3	1 8.3	1 5.1
FETAL DEATHS	2 6.3	1 3.4	1 34.5	1 1.8	1 1.9	- -	5 15.8	- -	5 25.6
INDUCED ABORTIONS	45 141.1	42 142.4	3 125.0	64 115.1	63 116.2	1 71.4	74 234.2	21 173.6	53 271.8
TOTAL DEATHS	255 11.3	241 11.2	14 12.8	420 9.4	407 9.3	13 14.4	208 10.7	109 11.3	99 10.1
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	2 4.5	2 4.6	- -	1 5.1	1 10.3	- -
MALIGNANT NEOPLASMS (140-208)	45 198.8	43 199.6	2 -	83 186.2	77 176.3	6 -	38 195.5	19 196.4	19 194.7
DIABETES MELLITUS (250)	5 22.1	5 23.2	- -	9 20.2	9 20.6	- -	8 41.2	3 31.0	5 51.2
DISEASES OF HEART (390-398,402,404-429)	104 459.5	100 464.3	4 -	189 424.1	184 421.4	5 -	79 406.4	42 434.1	37 379.1
CEREBROVASCULAR DISEASE (430-438)	28 123.7	26 120.7	2 -	26 58.3	25 57.3	1 -	24 123.5	14 144.7	10 102.4
ATHEROSCLEROSIS (440)	2 8.8	2 9.3	- -	1 2.2	1 2.3	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	4 17.7	4 18.6	- -	9 20.2	9 20.6	- -	4 20.6	3 31.0	1 10.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12 53.0	10 46.4	2 -	23 51.6	23 52.7	- -	8 41.2	5 51.7	3 30.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 8.8	1 4.6	1 -	2 4.5	2 4.6	- -	2 10.3	1 10.3	1 10.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 17.7	4 18.6	- -	2 4.5	2 4.6	- -	3 15.4	2 20.7	1 10.2
CONGENITAL ANOMALIES (740-759)	2 8.8	2 9.3	- -	1 2.2	1 2.3	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 2.2	1 2.3	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 13.3	3 13.9	- -	4 9.0	4 9.2	- -	3 15.4	1 10.3	2 20.5
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18 79.5	17 78.9	1 -	22 49.4	21 48.1	1 -	11 56.6	3 31.0	8 82.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	10 44.2	10 46.4	- -	9 20.2	8 18.3	1 -	5 25.7	2 20.7	3 30.7
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 35.3	7 32.5	1 -	13 29.2	13 29.8	- -	6 30.9	1 10.3	5 51.2
SUICIDE (E950-E959)	3 13.3	3 13.9	- -	6 13.5	6 13.7	- -	3 15.4	2 20.7	1 10.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 8.6	2 9.3	- -	1 2.2	1 2.3	- -	- -	- -	- -
ALL OTHER CAUSES	21 92.8	19 88.2	2 -	39 87.5	39 89.3	- -	24 123.5	13 134.4	11 112.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HENDERSON			HENRY			HICKMAN		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	21,844 NO. RATE	19,982 NO. RATE	1,862 NO. RATE	27,888 NO. RATE	24,955 NO. RATE	2,933 NO. RATE	16,754 NO. RATE	15,831 NO. RATE	923 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	282 12.9	250 12.5	32 17.2	338 12.1	261 11.3	57 19.4	198 11.8	185 11.7	13 14.1
ILLEGITIMATE BIRTHS	63 22.3	44 17.6	19 59.4	93 27.5	56 19.9	37 64.9	43 21.7	35 18.9	8 61.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 4.6	9 3.6	4 12.5	29 8.6	18 6.4	11 19.3	13 6.6	12 6.5	1 7.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 7.1	2 8.0	- -	5 14.8	3 10.7	2 35.1	3 15.2	2 10.8	1 76.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 7.1	2 8.0	- -	4 11.8	2 7.1	2 35.1	1 5.1	1 5.4	- -
UNDER 7 DAYS OF AGE	1 3.5	1 4.0	- -	4 11.8	2 7.1	2 35.1	1 5.1	1 5.4	- -
7-27 DAYS OF AGE	1 3.5	1 4.0	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	3 10.6	3 12.0	- -	5 14.8	3 10.7	2 35.1	2 10.1	2 10.8	- -
INDUCED ABORTIONS	43 152.5	33 129.4	10 370.4	64 189.3	56 197.9	8 145.5	25 126.3	25 133.7	- -
TOTAL DEATHS	238 10.9	218 10.9	20 10.7	376 13.5	322 12.9	54 18.4	173 10.3	167 10.5	6 6.5
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.6	1 5.0	- -	- -	- -	- -	1 6.0	1 6.3	- -
MALIGNANT NEOPLASMS (140-208)	49 224.3	45 225.2	4 -	91 326.3	76 304.5	15 -	48 286.5	47 296.9	1 -
DIABETES MELLITUS (250)	7 32.0	4 20.0	3 -	10 35.9	7 28.1	3 -	2 11.9	2 12.6	- -
DISEASES OF HEART (390-398,402,404-429)	83 380.0	75 375.3	8 -	143 512.8	121 484.9	22 -	59 352.2	58 366.4	1 -
CEREBROVASCULAR DISEASE (430-438)	23 105.3	22 110.1	1 -	33 118.3	30 120.2	3 -	7 41.8	6 37.9	1 -
ATHEROSCLEROSIS (440)	4 18.3	3 15.0	1 -	4 14.3	4 16.0	- -	2 11.9	2 12.6	- -
PNEUMONIA AND INFLUENZA (480-487)	11 50.4	11 55.0	- -	11 39.4	10 40.1	1 -	10 59.7	10 63.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11 50.4	11 55.0	- -	10 35.9	9 36.1	1 -	8 47.7	8 50.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 13.7	2 10.0	1 -	2 7.2	1 4.0	1 -	4 23.9	4 25.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 9.2	2 10.0	- -	4 14.3	3 12.0	1 -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	1 4.6	1 5.0	- -	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 4.6	1 5.0	- -	4 14.3	2 8.0	2 -	1 6.0	1 6.3	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	3 10.8	3 12.0	- -	4 23.9	2 12.6	2 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17 77.8	16 80.1	1 -	14 50.2	14 56.1	- -	12 71.6	12 75.8	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	13 59.5	12 60.1	1 -	9 32.3	9 36.1	- -	9 53.7	9 56.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 18.3	4 20.0	- -	5 17.9	5 20.0	- -	3 17.9	3 19.0	- -
SUICIDE (E950-E959)	2 9.2	2 10.0	- -	6 21.5	6 24.0	- -	1 6.0	1 6.3	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	3 10.8	3 12.0	- -	1 6.0	1 6.3	- -
ALL OTHER CAUSES	23 105.3	22 110.1	1 -	38 136.3	33 132.2	5 -	13 77.6	12 75.8	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HOUSTON			HUMPHREYS			JACKSON		
1990 CENSUS POPULATION	ALL RACES 7,018 NO. RATE	WHITE 6,725 NO. RATE	OTHER RACES 293 NO. RATE	ALL RACES 15,795 NO. RATE	WHITE 15,175 NO. RATE	OTHER RACES 620 NO. RATE	ALL RACES 9,297 NO. RATE	WHITE 9,247 NO. RATE	OTHER RACES 50 NO. RATE
LIVE BIRTHS	73 10.4	66 9.8	7 23.9	211 13.4	179 11.8	32 51.6	117 12.6	117 12.7	- -
ILLEGITIMATE BIRTHS	13 17.8	11 16.7	2 -	43 20.4	36 14.5	17 53.1	19 16.2	19 16.2	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	7 9.6	6 9.1	1 -	16 7.6	14 7.8	2 6.3	9 7.7	9 7.7	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 13.7	1 15.2	- -	1 4.7	1 5.6	- -	2 17.1	2 17.1	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 13.7	1 15.2	- -	1 4.7	1 5.6	- -	1 8.5	1 8.5	- -
UNDER 7 DAYS OF AGE	1 13.7	1 15.2	- -	1 4.7	1 5.6	- -	1 8.5	1 8.5	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	- -	- -	- -
INDUCED ABORTIONS	11 150.7	9 134.3	2 -	30 142.2	28 150.5	2 80.0	11 94.0	11 94.0	- -
TOTAL DEATHS	102 14.5	97 14.4	5 17.1	165 10.4	157 10.3	8 12.9	107 11.5	107 11.6	- -
CAUSE OF DEATH									
SEPTICEMIA (030)	- -	- -	- -	1 6.3	1 6.6	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	22 313.5	22 327.1	- -	44 278.6	42 276.8	2 -	18 193.6	18 194.7	- -
DIABETES MELLITUS (250)	3 42.7	2 29.7	1 -	1 6.3	1 6.6	- -	- -	- -	- -
DISEASES OF HEART (390-398,402,404-429)	39 555.7	36 535.3	3 -	53 335.5	49 322.9	4 -	40 430.2	40 432.6	- -
CEREBROVASCULAR DISEASE (430-438)	4 57.0	3 44.6	1 -	9 57.0	8 52.7	1 -	8 86.0	8 86.5	- -
ATHEROSCLEROSIS (440)	1 14.2	1 14.9	- -	- -	- -	- -	2 21.5	2 21.6	- -
PNEUMONIA AND INFLUENZA (480-487)	3 42.7	3 44.6	- -	6 38.0	6 39.5	- -	2 21.5	2 21.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 71.2	5 74.3	- -	7 44.3	6 39.5	1 -	3 32.3	3 32.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 14.2	1 14.9	- -	2 12.7	2 13.2	- -	1 10.8	1 10.8	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	1 6.3	1 6.6	- -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	1 14.2	1 14.9	- -	- -	- -	- -	1 10.8	1 10.8	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 6.3	1 6.6	- -	1 10.8	1 10.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	3 19.0	3 19.8	- -	5 53.8	5 54.1	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 85.5	6 89.2	- -	17 107.6	17 112.0	- -	7 75.3	7 75.7	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	4 57.0	4 59.5	- -	8 50.6	8 52.7	- -	4 43.0	4 43.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 28.5	2 29.7	- -	9 57.0	9 59.3	- -	3 32.3	3 32.4	- -
SUICIDE (E950-E959)	1 14.2	1 14.9	- -	- -	- -	- -	1 10.8	1 10.8	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 14.2	1 14.9	- -	- -	- -	- -	3 32.3	3 32.4	- -
ALL OTHER CAUSES	15 213.7	15 223.0	- -	20 126.6	20 131.8	- -	15 161.3	15 162.2	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	JEFFERSON			JOHNSON			KNOX		
1990 CENSUS POPULATION	ALL RACES 33,016 NO. RATE	WHITE 31,937 NO. RATE	OTHER RACES 1,079 NO. RATE	ALL RACES 13,766 NO. RATE	WHITE 13,668 NO. RATE	OTHER RACES 98 NO. RATE	ALL RACES 335,749 NO. RATE	WHITE 301,421 NO. RATE	OTHER RACES 34,328 NO. RATE
LIVE BIRTHS	403 12.2	382 12.0	21 19.5	138 10.0	137 10.0	1 10.2	4702 14.0	4044 13.4	657 19.1
ILLEGITIMATE BIRTHS	81 20.1	72 18.8	9 42.9	46 33.3	46 33.6	- -	1108 23.6	701 17.3	406 61.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	23 5.7	22 5.8	1 4.8	12 8.7	12 8.8	- -	377 8.0	292 7.2	85 12.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 5.0	2 5.2	- -	4 29.0	4 29.2	- -	33 7.0	26 6.4	7 10.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 5.0	2 5.2	- -	2 14.5	2 14.6	- -	27 5.7	21 5.2	6 9.1
UNDER 7 DAYS OF AGE	2 5.0	2 5.2	- -	2 14.5	2 14.6	- -	25 5.3	20 4.9	5 7.6
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 0.4	1 0.2	1 1.5
FETAL DEATHS	1 2.5	1 2.6	- -	1 7.2	1 7.3	- -	23 4.9	20 4.9	3 4.6
INDUCED ABORTIONS	90 223.3	87 225.4	3 176.5	17 123.2	16 115.9	1 -	1771 376.6	1479 361.3	291 478.6
TOTAL DEATHS	321 9.7	313 9.8	8 7.4	138 10.0	136 10.0	2 20.4	3220 9.6	2887 9.6	333 9.7
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	15 4.5	15 5.0	- -
MALIGNANT NEOPLASMS (140-208)	80 242.3	79 247.4	1 -	34 247.0	33 241.4	1 -	743 221.3	658 218.3	85 247.6
DIABETES MELLITUS (250)	4 12.1	4 12.5	- -	1 7.3	1 7.3	- -	54 16.1	43 14.3	11 32.0
DISEASES OF HEART (390-398,402,404-429)	120 363.5	116 363.2	4 -	58 421.3	58 424.3	- -	857 255.3	803 266.4	54 157.3
CEREBROVASCULAR DISEASE (430-438)	27 81.8	25 78.3	2 -	4 29.1	4 29.3	- -	233 69.4	209 69.3	24 69.9
ATHEROSCLEROSIS (440)	1 3.0	1 3.1	- -	1 7.3	1 7.3	- -	60 17.9	55 18.2	5 14.6
PNEUMONIA AND INFLUENZA (480-487)	10 30.3	10 31.3	- -	7 50.8	7 51.2	- -	83 24.7	79 26.2	4 11.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8 24.2	8 25.0	- -	6 43.6	6 43.9	- -	138 41.1	132 43.8	6 17.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 3.0	1 3.1	- -	1 7.3	1 7.3	- -	31 9.2	25 8.3	6 17.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 9.1	3 9.4	- -	- -	- -	- -	16 4.8	9 3.0	7 20.4
CONGENITAL ANOMALIES (740-759)	3 9.1	3 9.4	- -	3 21.8	2 14.6	1 -	10 3.0	9 3.0	1 2.9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.0	1 3.1	- -	2 14.5	2 14.6	- -	22 6.6	17 5.6	5 14.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4 12.1	4 12.5	- -	1 7.3	1 7.3	- -	260 77.4	227 75.3	33 96.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17 51.5	17 53.2	- -	5 36.3	5 36.6	- -	127 37.8	111 36.8	16 46.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	8 24.2	8 25.0	- -	5 36.3	5 36.6	- -	65 19.4	58 19.2	7 20.4
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	9 27.3	9 28.2	- -	- -	- -	- -	62 18.5	53 17.6	9 26.2
SUICIDE (E950-E959)	1 3.0	1 3.1	- -	1 7.3	1 7.3	- -	50 14.9	45 14.9	5 14.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 6.1	2 6.3	- -	1 7.3	1 7.3	- -	37 11.0	22 7.3	15 43.7
ALL OTHER CAUSES	39 116.1	38 119.0	1 -	13 94.4	13 95.1	- -	484 144.2	428 142.0	56 163.1

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	LAKE			LAUDERDALE			LAURENCE		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	7,129 NO. RATE	5,418 NO. RATE	1,711 NO. RATE	23,491 NO. RATE	16,007 NO. RATE	7,484 NO. RATE	35,303 NO. RATE	34,666 NO. RATE	637 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	81 11.4	54 10.0	27 15.8	379 16.1	224 14.0	155 20.7	599 17.0	588 17.0	11 17.3
ILLEGITIMATE BIRTHS	34 42.0	12 22.2	22 81.5	163 43.0	58 25.9	105 67.7	88 14.7	85 14.5	3 27.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	9 11.1	3 5.6	6 22.2	27 7.1	13 5.8	14 9.0	37 6.2	37 6.3	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 24.7	1 18.5	1 37.0	5 13.2	2 8.9	3 19.4	7 11.7	7 11.9	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	3 7.9	- -	3 19.4	3 5.0	3 5.1	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	2 5.3	- -	2 12.9	3 5.0	3 5.1	- -
7-27 DAYS OF AGE	- -	- -	- -	1 2.6	- -	1 6.5	- -	- -	- -
FETAL DEATHS	1 12.3	1 18.5	- -	2 5.3	2 8.9	- -	3 5.0	3 5.1	- -
INDUCED ABORTIONS	16 197.5	11 203.7	5 185.2	80 211.1	45 198.2	35 230.3	44 73.5	40 67.5	4 -
TOTAL DEATHS	87 12.2	75 13.8	12 7.0	280 11.9	204 12.7	76 10.2	346 9.8	340 9.8	6 9.4
CAUSE OF DEATH									
SEPTICEMIA (038)	2 28.1	2 36.9	- -	1 4.3	1 6.2	- -	3 8.5	3 8.7	- -
MALIGNANT NEOPLASMS (140-208)	22 308.6	19 350.7	3 -	52 221.4	36 224.9	16 213.8	87 246.4	87 251.0	- -
DIABETES MELLITUS (250)	2 28.1	1 18.5	1 -	8 34.1	6 37.5	2 26.7	6 17.0	6 17.3	- -
DISEASES OF HEART (390-398,402,404-429)	27 378.7	24 443.0	3 -	97 412.9	72 449.8	25 334.0	121 342.7	118 340.4	3 -
CEREBROVASCULAR DISEASE (430-438)	9 126.2	8 147.7	1 -	20 85.1	14 87.5	6 80.2	21 59.5	21 60.6	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	- -	- -	- -	4 11.3	4 11.5	- -
PNEUMONIA AND INFLUENZA (480-487)	4 56.1	4 73.8	- -	13 55.3	8 50.0	5 66.8	17 48.2	16 46.2	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4 56.1	3 55.4	1 -	16 68.1	16 100.0	- -	14 39.7	14 40.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 14.0	1 18.5	- -	4 17.0	4 25.0	- -	3 8.5	3 8.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 14.0	1 18.5	- -	1 4.3	- -	1 13.4	5 14.2	5 14.4	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	2 8.5	2 12.5	- -	2 5.7	2 5.8	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 14.0	- -	1 -	2 8.5	- -	2 26.7	4 11.3	4 11.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	1 4.3	- -	1 13.4	2 5.7	2 5.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4 56.1	2 36.9	2 -	18 76.6	13 81.2	5 66.8	16 45.3	15 43.3	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	- -	- -	- -	12 51.1	9 56.2	3 40.1	8 22.7	8 23.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 56.1	2 36.9	2 -	6 25.5	4 25.0	2 26.7	8 22.7	7 20.2	1 -
SUICIDE (E950-E959)	- -	- -	- -	3 12.8	3 18.7	- -	5 14.2	5 14.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	7 29.8	2 12.5	5 66.8	1 2.8	1 2.9	- -
ALL OTHER CAUSES	10 140.3	10 184.6	- -	35 149.0	27 168.7	8 106.9	35 99.1	34 98.1	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	LEWIS			LINCOLN			LOUDON		
	ALL RACES 9,247 NO. RATE	WHITE 9,082 NO. RATE	OTHER RACES 165 NO. RATE	ALL RACES 28,157 NO. RATE	WHITE 25,583 NO. RATE	OTHER RACES 2,574 NO. RATE	ALL RACES 31,255 NO. RATE	WHITE 30,732 NO. RATE	OTHER RACES 523 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	127 13.7	124 13.7	3 18.2	414 14.7	360 14.1	54 21.0	427 13.7	422 13.7	5 9.6
ILLEGITIMATE BIRTHS	23 18.1	22 17.7	1 -	98 23.7	59 16.4	39 72.2	74 17.3	71 16.8	3 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 10.2	13 10.5	- -	30 7.2	25 6.9	5 9.3	33 7.7	33 7.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 23.6	2 16.1	1 -	2 4.8	- -	2 37.0	7 16.4	7 16.6	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3 23.6	2 16.1	1 -	1 2.4	- -	1 18.5	4 9.4	4 9.5	- -
UNDER 7 DAYS OF AGE	2 15.7	2 16.1	- -	1 2.4	- -	1 18.5	4 9.4	4 9.5	- -
7-27 DAYS OF AGE	1 7.9	- -	1 -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	1 7.9	1 8.1	- -	- -	- -	- -	- -	- -	- -
INDUCED ABORTIONS	8 63.0	8 64.0	- -	44 106.3	30 82.2	13 265.3	94 220.1	92 217.0	2 -
TOTAL DEATHS	97 10.5	94 10.4	3 18.2	341 12.1	299 11.7	42 16.3	312 10.0	311 10.1	1 1.9
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	4 14.2	4 15.6	- -	3 9.6	3 9.8	- -
MALIGNANT NEOPLASMS (140-208)	22 237.9	22 242.2	- -	89 316.1	79 308.8	10 -	75 240.0	74 240.8	1 -
DIABETES MELLITUS (250)	1 10.8	1 11.0	- -	9 32.0	8 31.3	1 -	11 35.2	11 35.8	- -
DISEASES OF HEART (390-398,402,404-429)	39 421.8	37 407.4	2 -	142 504.3	125 488.6	17 -	117 374.3	117 380.7	- -
CEREBROVASCULAR DISEASE (430-438)	4 43.3	4 44.0	- -	25 88.8	22 86.0	3 -	16 51.2	16 52.1	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	3 10.7	1 3.9	2 -	3 9.6	3 9.8	- -
PNEUMONIA AND INFLUENZA (480-487)	6 64.9	6 66.1	- -	9 32.0	8 31.3	1 -	11 35.2	11 35.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	2 21.6	2 22.0	- -	9 32.0	9 35.2	- -	11 35.2	11 35.8	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	2 7.1	1 3.9	1 -	6 19.2	6 19.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	- -	- -	- -	2 7.1	2 7.8	- -	3 9.6	3 9.8	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	1 3.2	1 3.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 21.6	2 22.0	- -	1 3.6	- -	1 -	3 9.6	3 9.8	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 32.4	2 22.0	1 -	1 3.6	- -	1 -	6 19.2	6 19.5	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11 119.0	11 121.1	- -	6 21.3	5 19.5	1 -	9 28.8	9 29.3	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	9 97.3	9 99.1	- -	4 14.2	3 11.7	1 -	6 19.2	6 19.5	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 21.6	2 22.0	- -	2 7.1	2 7.8	- -	3 9.6	3 9.8	- -
SUICIDE (E950-E959)	1 10.8	1 11.0	- -	3 10.7	3 11.7	- -	2 6.4	2 6.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	- -	- -	- -	6 19.2	6 19.5	- -
ALL OTHER CAUSES	6 64.9	6 66.1	- -	36 127.9	32 125.1	4 -	29 92.8	29 94.4	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MCHINN			MCNAIRY			MACON		
1990 CENSUS POPULATION	ALL RACES 42,383 NO. RATE	WHITE 40,085 NO. RATE	OTHER RACES 2,298 NO. RATE	ALL RACES 22,422 NO. RATE	WHITE 20,918 NO. RATE	OTHER RACES 1,504 NO. RATE	ALL RACES 15,906 NO. RATE	WHITE 15,810 NO. RATE	OTHER RACES 96 NO. RATE
LIVE BIRTHS	536 12.6	493 12.3	43 10.7	283 12.6	258 12.3	25 16.6	219 13.8	218 13.8	1 10.4
ILLEGITIMATE BIRTHS	104 19.4	83 16.8	21 48.8	58 20.5	42 16.3	16 64.0	33 15.1	33 15.1	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	34 6.3	30 6.1	4 9.3	23 8.1	18 7.0	5 20.0	12 5.5	12 5.5	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 5.6	3 6.1	- -	3 10.6	2 7.8	1 40.0	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 3.7	2 4.1	- -	1 3.5	1 3.9	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	1 1.9	1 2.0	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	1 1.9	1 2.0	- -	1 3.5	1 3.9	- -	- -	- -	- -
FETAL DEATHS	4 7.5	3 6.1	1 23.3	2 7.1	2 7.8	- -	1 4.6	1 4.6	- -
INDUCED ABORTIONS	127 236.9	113 226.0	14 388.9	43 151.9	39 151.2	4 160.0	20 91.3	20 91.7	- -
TOTAL DEATHS	427 10.1	410 10.2	17 7.4	285 12.7	267 12.8	18 12.0	177 11.1	177 11.2	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	3 7.1	3 7.5	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	89 210.0	87 217.0	2 -	58 258.7	54 258.2	4 -	40 251.5	40 253.0	- -
DIABETES MELLITUS (250)	4 9.4	4 10.0	- -	7 31.2	6 28.7	1 -	2 12.6	2 12.7	- -
DISEASES OF HEART (390-398,402,404-429)	177 417.6	170 424.1	7 -	120 535.2	114 545.0	6 -	50 314.3	50 316.3	- -
CEREBROVASCULAR DISEASE (430-438)	35 82.6	34 84.8	1 -	19 84.7	17 81.3	2 -	18 113.2	18 113.9	- -
ATHEROSCLEROSIS (440)	3 7.1	2 5.0	1 -	- -	- -	- -	1 6.3	1 6.3	- -
PNEUMONIA AND INFLUENZA (480-487)	16 37.8	16 39.9	- -	5 22.3	5 23.9	- -	9 56.6	9 56.9	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11 26.0	10 24.9	1 -	11 49.1	11 52.6	- -	17 106.9	17 107.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 16.5	6 15.0	1 -	3 13.4	3 14.3	- -	3 18.9	3 19.0	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 9.4	4 10.0	- -	4 17.8	4 19.1	- -	3 18.9	3 19.0	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	1 4.5	1 4.8	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 2.4	1 2.5	- -	1 4.5	1 4.8	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	2 8.9	2 9.6	- -	2 12.6	2 12.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	25 59.0	23 57.4	2 -	15 66.9	12 57.4	3 -	9 56.6	9 56.9	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	18 42.5	16 39.9	2 -	11 49.1	9 43.0	2 -	4 25.1	4 25.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 16.5	7 17.5	- -	4 17.8	3 14.3	1 -	5 31.4	5 31.6	- -
SUICIDE (E950-E959)	10 23.6	10 24.9	- -	4 17.8	4 19.1	- -	2 12.6	2 12.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4 9.4	4 10.0	- -	2 8.9	2 9.6	- -	- -	- -	- -
ALL OTHER CAUSES	38 89.7	36 89.8	2 -	33 147.2	31 148.2	2 -	21 132.0	21 132.8	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MADISON			MARION			MARSHALL		
	ALL RACES 77,982 NO. RATE	WHITE 53,423 NO. RATE	OTHER RACES 24,559 NO. RATE	ALL RACES 24,860 NO. RATE	WHITE 23,749 NO. RATE	OTHER RACES 1,111 NO. RATE	ALL RACES 21,539 NO. RATE	WHITE 19,536 NO. RATE	OTHER RACES 2,003 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	1265 14.2	739 13.8	526 21.4	334 13.4	313 13.2	21 18.9	299 13.9	270 13.8	29 14.5
ILLEGITIMATE BIRTHS	502 39.7	105 14.2	397 75.5	78 23.4	64 20.4	14 66.7	61 20.4	40 14.8	21 72.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	96 7.6	34 4.6	62 11.8	24 7.2	20 6.4	4 19.0	18 6.0	17 6.3	1 3.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	17 13.4	4 5.4	13 24.7	4 12.0	4 12.8	- -	4 13.4	3 11.1	1 34.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	12 9.5	4 5.4	8 15.2	3 9.0	3 9.6	- -	2 6.7	2 7.4	- -
UNDER 7 DAYS OF AGE	10 7.9	3 4.1	7 13.3	2 6.0	2 6.4	- -	1 3.3	1 3.7	- -
7-27 DAYS OF AGE	2 1.6	1 1.4	1 1.9	1 3.0	1 3.2	- -	1 3.3	1 3.7	- -
FETAL DEATHS	12 9.5	5 6.8	7 13.3	1 3.0	1 3.2	- -	1 3.3	1 3.7	- -
INDUCED ABORTIONS	314 248.2	187 251.0	127 244.2	50 149.7	44 139.2	6 333.3	42 140.5	32 117.2	10 384.6
TOTAL DEATHS	778 10.0	546 10.2	232 9.4	228 9.2	212 8.9	16 14.4	241 11.2	219 11.2	22 11.0
CAUSE OF DEATH									
SEPTICEMIA (038)	5 6.4	4 7.5	1 4.1	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	165 211.6	119 222.8	46 187.3	49 197.1	48 202.1	1 -	40 185.7	35 179.2	5 -
DIABETES MELLITUS (250)	14 18.0	8 15.0	6 24.4	6 24.1	5 21.1	1 -	7 32.5	5 25.6	2 -
DISEASES OF HEART (390-398,402,404-429)	237 303.9	189 353.8	48 195.4	75 301.7	70 294.7	5 -	97 450.3	90 460.7	7 -
CEREBROVASCULAR DISEASE (430-438)	72 92.3	48 89.8	24 97.7	12 48.3	12 50.5	- -	17 78.9	15 76.8	2 -
ATHEROSCLEROSIS (440)	9 11.5	5 9.4	4 16.3	7 28.2	4 16.8	3 -	2 9.3	2 10.2	- -
PNEUMONIA AND INFLUENZA (480-487)	19 24.4	15 28.1	4 16.3	6 24.1	5 21.1	1 -	13 60.4	13 66.5	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	27 34.6	22 41.2	5 20.4	11 44.2	10 42.1	1 -	11 51.1	11 56.3	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 9.0	6 11.2	1 4.1	2 8.0	2 8.4	- -	2 9.3	2 10.2	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 6.4	1 1.9	4 16.3	2 8.0	2 8.4	- -	2 9.3	2 10.2	- -
CONGENITAL ANOMALIES (740-759)	4 5.1	1 1.9	3 12.2	2 8.0	2 8.4	- -	2 9.3	2 10.2	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	10 12.8	4 7.5	6 24.4	3 12.1	3 12.6	- -	1 4.6	1 5.1	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	36 46.2	14 26.2	22 89.6	3 12.1	3 12.6	- -	2 9.3	2 10.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	27 34.6	20 37.4	7 28.5	17 68.4	15 63.2	2 -	10 46.4	7 35.8	3 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	13 16.7	11 20.6	2 8.1	8 32.2	8 33.7	- -	6 27.9	4 20.5	2 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	14 18.0	9 16.8	5 20.4	9 36.2	7 29.5	2 -	4 18.6	3 15.4	1 -
SUICIDE (E950-E959)	12 15.4	9 16.8	3 12.2	3 12.1	3 12.6	- -	3 13.9	3 15.4	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	10 12.8	2 3.7	8 32.6	1 4.0	1 4.2	- -	2 9.3	- -	2 -
ALL OTHER CAUSES	119 152.6	79 147.9	40 162.9	29 116.7	27 113.7	2 -	30 139.3	29 148.4	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MAURY			MEIGS			MCNAB		
	ALL RACES 54,812 NO. RATE	WHITE 45,868 NO. RATE	OTHER RACES 8,944 NO. RATE	ALL RACES 8,033 NO. RATE	WHITE 7,884 NO. RATE	OTHER RACES 149 NO. RATE	ALL RACES 30,541 NO. RATE	WHITE 29,561 NO. RATE	OTHER RACES 980 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	844 15.4	665 14.5	179 20.0	107 13.3	107 13.6	- -	443 14.5	426 14.4	17 17.3
ILLEGITIMATE BIRTHS	243 28.8	129 19.4	114 63.7	22 20.6	22 20.6	- -	86 19.4	75 17.6	11 64.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	57 6.8	39 5.9	18 10.1	7 6.5	7 6.5	- -	29 6.5	26 6.1	3 17.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 4.7	2 3.0	2 11.2	1 9.3	1 9.3	- -	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 2.4	- -	2 11.2	- -	- -	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	2 2.4	- -	2 11.2	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	12 14.2	6 9.0	6 33.5	- -	- -	- -	1 2.3	1 2.3	- -
INDUCED ABORTIONS	117 138.6	86 129.4	30 172.4	10 93.5	8 74.8	2 -	48 108.4	45 105.1	3 200.0
TOTAL DEATHS	551 10.1	465 10.1	86 9.6	83 10.3	82 10.4	1 6.7	294 9.6	279 9.4	15 15.3
CAUSE OF DEATH									
SEPTICEMIA (038)	1 1.8	1 2.2	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	145 264.5	127 276.9	18 201.3	16 199.2	16 202.9	- -	82 268.5	76 257.1	6 -
DIABETES MELLITUS (250)	13 23.7	11 24.0	2 22.4	4 49.8	4 50.7	- -	10 32.7	9 30.4	1 -
DISEASES OF HEART (390-398,402,404-429)	161 293.7	133 290.0	28 313.1	37 460.6	36 456.6	1 -	58 189.9	57 192.8	1 -
CEREBROVASCULAR DISEASE (430-438)	49 89.4	44 95.9	5 55.9	5 62.2	5 63.4	- -	26 85.1	24 81.2	2 -
ATHEROSCLEROSIS (440)	6 10.9	4 8.7	2 22.4	1 12.4	1 12.7	- -	5 16.4	5 16.9	- -
PNEUMONIA AND INFLUENZA (480-487)	23 42.0	20 43.6	3 33.5	3 37.3	3 38.1	- -	10 32.7	10 33.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	20 36.5	18 39.2	2 22.4	4 49.8	4 50.7	- -	10 32.7	10 33.8	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6 10.9	5 10.9	1 11.2	1 12.4	1 12.7	- -	5 16.4	5 16.9	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	8 14.6	7 15.3	1 11.2	1 12.4	1 12.7	- -	3 9.8	3 10.1	- -
CONGENITAL ANOMALIES (740-759)	3 5.5	2 4.4	1 11.2	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 3.6	- -	2 22.4	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8 14.6	8 17.4	- -	1 12.4	1 12.7	- -	5 16.4	5 16.9	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13 23.7	9 19.6	4 44.7	2 24.9	2 25.4	- -	27 88.4	26 88.0	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 12.8	5 10.9	2 22.4	1 12.4	1 12.7	- -	19 62.2	19 64.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 10.9	4 8.7	2 22.4	1 12.4	1 12.7	- -	8 26.2	7 23.7	1 -
SUICIDE (E950-E959)	10 18.2	10 21.8	- -	- -	- -	- -	4 13.1	3 10.1	1 -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5 9.1	2 4.4	3 33.5	- -	- -	- -	1 3.3	1 3.4	- -
ALL OTHER CAUSES	78 142.3	64 139.5	14 156.5	8 99.6	8 101.5	- -	48 157.2	45 152.2	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MONTGOMERY			MOORE			MORGAN		
	ALL RACES 100,498 NO. RATE	WHITE 79,118 NO. RATE	OTHER RACES 21,380 NO. RATE	ALL RACES 4,721 NO. RATE	WHITE 4,536 NO. RATE	OTHER RACES 185 NO. RATE	ALL RACES 17,300 NO. RATE	WHITE 16,957 NO. RATE	OTHER RACES 343 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	2028 20.2	1475 18.6	553 25.9	57 12.1	56 12.3	1 5.4	228 13.2	228 13.4	- -
ILLEGITIMATE BIRTHS	427 21.1	229 15.5	198 35.8	9 15.8	8 14.3	1 -	51 22.4	51 22.4	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	150 7.4	99 6.7	51 9.2	5 8.8	5 8.9	- -	12 5.3	12 5.3	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	18 8.9	14 9.5	4 7.2	1 17.5	1 17.9	- -	2 8.8	2 8.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9 4.4	8 5.4	1 1.8	1 17.5	1 17.9	- -	1 4.4	1 4.4	- -
UNDER 7 DAYS OF AGE	7 3.5	6 4.1	1 1.8	- -	- -	- -	1 4.4	1 4.4	- -
7-27 DAYS OF AGE	2 1.0	2 1.4	- -	- -	- -	- -	1 4.4	1 4.4	- -
FETAL DEATHS	10 4.9	8 5.4	2 3.6	- -	- -	- -	1 4.4	1 4.4	- -
INDUCED ABORTIONS	269 132.6	179 116.5	89 181.3	7 122.8	7 125.0	- -	29 127.2	29 127.2	- -
TOTAL DEATHS	619 6.2	492 6.2	127 5.9	38 8.0	37 8.2	1 5.4	168 9.7	168 9.9	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	2 2.0	2 2.5	- -	- -	- -	- -	1 5.8	1 5.9	- -
MALIGNANT NEOPLASMS (140-208)	140 139.3	106 134.0	34 159.0	8 169.5	8 -	- -	38 219.7	38 224.1	- -
DIABETES MELLITUS (250)	14 13.9	9 11.4	5 23.4	- -	- -	- -	6 34.7	6 35.4	- -
DISEASES OF HEART (390-398,402,404-429)	192 191.0	160 202.2	32 149.7	14 296.5	13 -	1 -	56 323.7	56 330.2	- -
CEREBROVASCULAR DISEASE (430-438)	61 60.7	50 63.2	11 51.4	3 63.5	3 -	- -	13 75.1	13 76.7	- -
ATHEROSCLEROSIS (440)	4 4.0	4 5.1	- -	1 21.2	1 -	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	16 15.9	12 15.2	4 18.7	2 42.4	2 -	- -	4 23.1	4 23.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17 16.9	10 12.6	7 32.7	1 21.2	1 -	- -	15 86.7	15 88.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8 8.0	8 10.1	- -	3 63.5	3 -	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6 6.0	3 3.8	3 14.0	- -	- -	- -	1 5.8	1 5.9	- -
CONGENITAL ANOMALIES (740-759)	3 3.0	2 2.5	1 4.7	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	9 9.0	7 8.8	2 9.4	1 21.2	1 -	- -	1 5.8	1 5.9	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	18 17.9	13 16.4	5 23.4	- -	- -	- -	3 17.3	3 17.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	34 33.8	29 36.7	5 23.4	- -	- -	- -	9 52.0	9 53.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	18 17.9	16 20.2	2 9.4	- -	- -	- -	6 34.7	6 35.4	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16 15.9	13 16.4	3 14.0	- -	- -	- -	3 17.3	3 17.7	- -
SUICIDE (E950-E959)	12 11.9	12 15.2	- -	- -	- -	- -	- -	- -	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 6.0	2 2.5	4 18.7	1 21.2	1 -	- -	- -	- -	- -
ALL OTHER CAUSES	77 76.6	63 79.6	14 65.5	4 84.7	4 -	- -	21 121.4	21 123.8	- -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	OBION			OVERTON			PERRY		
	ALL RACES 31,717 NO. RATE	WHITE 28,324 NO. RATE	OTHER RACES 3,393 NO. RATE	ALL RACES 17,636 NO. RATE	WHITE 17,582 NO. RATE	OTHER RACES 54 NO. RATE	ALL RACES 6,612 NO. RATE	WHITE 6,470 NO. RATE	OTHER RACES 142 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	436 13.7	355 12.5	81 23.9	219 12.4	218 12.4	1 18.5	84 12.7	80 12.4	4 28.2
ILLEGITIMATE BIRTHS	136 31.2	71 20.0	65 80.2	34 15.5	34 15.6	- -	13 15.5	10 12.5	3 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	26 6.0	17 4.8	9 11.1	11 5.0	11 5.0	- -	3 3.6	3 3.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 9.2	3 8.5	1 12.3	1 4.6	1 4.6	- -	1 11.9	1 12.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3 6.9	2 5.6	1 12.3	1 4.6	1 4.6	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	2 4.6	1 2.8	1 12.3	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	1 2.3	1 2.8	- -	1 4.6	1 4.6	- -	- -	- -	- -
FETAL DEATHS	1 2.3	1 2.8	- -	- -	- -	- -	- -	- -	- -
INDUCED ABORTIONS	62 142.2	50 139.3	12 155.8	26 118.7	26 119.3	- -	9 107.1	9 112.5	- -
TOTAL DEATHS	336 10.6	298 10.5	38 11.2	186 10.5	184 10.5	2 37.0	66 10.0	65 10.0	1 7.0
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	59 186.0	51 180.1	8 -	45 255.2	44 250.3	1 -	15 226.9	15 231.8	- -
DIABETES MELLITUS (250)	6 18.9	5 17.7	1 -	1 5.7	1 5.7	- -	- -	- -	- -
DISEASES OF HEART (390-398,402,404-429)	135 425.6	121 427.2	14 -	68 385.6	67 381.1	1 -	28 423.5	28 432.8	- -
CEREBROVASCULAR DISEASE (430-438)	18 56.8	14 49.4	4 -	14 79.4	14 79.6	- -	1 15.1	1 15.5	- -
ATHEROSCLEROSIS (440)	27 85.1	22 77.7	5 -	6 34.0	6 34.1	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	10 31.5	10 35.3	- -	10 56.7	10 56.9	- -	3 45.4	2 30.9	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	20 63.1	20 70.6	- -	4 22.7	4 22.8	- -	3 45.4	3 46.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 9.5	3 10.6	- -	4 22.7	4 22.8	- -	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 6.3	2 7.1	- -	3 17.0	3 17.1	- -	1 15.1	1 15.5	- -
CONGENITAL ANOMALIES (740-759)	1 3.2	1 3.5	- -	- -	- -	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.2	- -	1 -	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 6.3	2 7.1	- -	1 5.7	1 5.7	- -	3 45.4	3 46.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	15 47.3	14 49.4	1 -	13 73.7	13 73.9	- -	5 75.6	5 77.3	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	7 22.1	7 24.7	- -	6 34.0	6 34.1	- -	2 30.2	2 30.9	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 25.2	7 24.7	1 -	7 39.7	7 39.8	- -	3 45.4	3 46.4	- -
SUICIDE (E950-E959)	3 9.5	3 10.6	- -	1 5.7	1 5.7	- -	1 15.1	1 15.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2 6.3	1 3.5	1 -	2 11.3	2 11.4	- -	1 15.1	1 15.5	- -
ALL OTHER CAUSES	32 100.9	29 102.4	3 -	14 79.4	14 79.6	- -	5 75.6	5 77.3	- -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	PICKETT			POLK			PUTNAM		
	ALL RACES 4,548 NO. RATE	WHITE 4,542 NO. RATE	OTHER RACES 6 NO. RATE	ALL RACES 13,643 NO. RATE	WHITE 13,571 NO. RATE	OTHER RACES 72 NO. RATE	ALL RACES 51,373 NO. RATE	WHITE 49,878 NO. RATE	OTHER RACES 1,495 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	51 11.2	51 11.2	- -	169 12.4	169 12.5	- -	731 14.2	707 14.2	24 16.1
ILLEGITIMATE BIRTHS	8 15.7	8 15.7	- -	28 16.6	28 16.6	- -	113 15.5	107 15.1	6 25.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	2 3.9	2 3.9	- -	13 7.7	13 7.7	- -	40 5.5	40 5.7	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	- -	- -	- -	5 6.8	4 5.7	1 41.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	3 4.1	3 4.2	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	3 4.1	3 4.2	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	- -	- -	- -	1 5.9	1 5.9	- -	5 6.8	5 7.1	- -
INDUCED ABORTIONS	4 78.4	4 78.4	- -	24 142.0	24 142.0	- -	167 228.5	160 223.8	7 437.5
TOTAL DEATHS	60 13.2	60 13.2	- -	174 12.8	174 12.8	- -	447 8.7	443 8.9	4 2.7
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	9 197.9	9 -	- -	48 351.8	48 353.7	- -	103 200.5	102 204.5	1 -
DIABETES MELLITUS (250)	1 22.0	1 -	- -	3 22.0	3 22.1	- -	9 17.5	9 18.0	- -
DISEASES OF HEART (390-398,402,404-429)	29 637.6	29 -	- -	66 485.8	66 486.3	- -	158 307.6	157 314.8	1 -
CEREBROVASCULAR DISEASE (430-438)	3 66.0	3 -	- -	12 88.0	12 88.4	- -	32 62.3	32 64.2	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	1 7.3	1 7.4	- -	4 7.8	4 8.0	- -
PNEUMONIA AND INFLUENZA (480-487)	1 22.0	1 -	- -	2 14.7	2 14.7	- -	20 38.9	20 40.1	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	3 66.0	3 -	- -	9 66.0	9 66.3	- -	22 42.8	22 44.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 22.0	1 -	- -	2 14.7	2 14.7	- -	5 9.7	5 10.0	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 22.0	1 -	- -	1 7.3	1 7.4	- -	2 3.9	2 4.0	- -
CONGENITAL ANOMALIES (740-759)	1 22.0	1 -	- -	- -	- -	- -	2 3.9	2 4.0	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	2 3.9	2 4.0	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	- -	- -	- -	8 15.6	7 14.0	1 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 131.9	6 -	- -	10 73.3	10 73.7	- -	20 38.9	20 40.1	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 66.0	3 -	- -	7 51.3	7 51.6	- -	13 25.3	13 26.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 66.0	3 -	- -	3 22.0	3 22.1	- -	7 13.6	7 14.0	- -
SUICIDE (E950-E959)	1 22.0	1 -	- -	2 14.7	2 14.7	- -	10 19.5	10 20.0	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 22.0	1 -	- -	5 36.6	5 36.8	- -	6 11.7	5 10.0	1 -
ALL OTHER CAUSES	3 66.0	3 -	- -	13 95.3	13 95.8	- -	44 85.6	44 88.2	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (19TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	RHEA			ROANE			ROBERTSON		
1990 CENSUS POPULATION	ALL RACES 24,344 NO. RATE	WHITE 23,571 NO. RATE	OTHER RACES 773 NO. RATE	ALL RACES 47,227 NO. RATE	WHITE 45,444 NO. RATE	OTHER RACES 1,783 NO. RATE	ALL RACES 41,494 NO. RATE	WHITE 36,802 NO. RATE	OTHER RACES 4,692 NO. RATE
LIVE BIRTHS	357 14.7	338 14.3	19 24.6	504 10.7	474 10.4	30 16.8	656 15.8	558 15.2	98 20.9
ILLEGITIMATE BIRTHS	91 25.5	85 25.1	6 31.6	113 22.4	97 20.5	16 53.3	156 23.8	88 15.8	68 69.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 5.6	17 5.0	3 15.8	37 7.3	34 7.2	3 10.0	38 5.8	26 4.7	12 12.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	4 7.9	4 8.4	- -	2 3.0	1 1.8	1 10.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	1 2.0	1 2.1	- -	1 1.5	- -	1 10.2
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	1 2.0	1 2.1	- -	1 1.5	- -	1 10.2
FETAL DEATHS	5 14.0	3 8.9	2 105.3	1 2.0	1 2.1	- -	7 10.7	4 7.2	3 30.6
INDUCED ABORTIONS	63 176.5	61 177.8	2 142.9	151 299.6	137 286.6	14 538.5	76 115.9	59 105.5	17 175.3
TOTAL DEATHS	257 10.6	251 10.6	6 7.8	471 10.0	456 10.0	15 8.4	422 10.2	359 9.8	63 13.4
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	6 14.5	5 13.6	1 -
MALIGNANT NEOPLASMS (140-208)	55 225.9	54 229.1	1 -	121 256.2	120 264.1	1 -	98 236.2	81 220.1	17 -
DIABETES MELLITUS (250)	4 16.4	4 17.0	- -	14 29.6	14 30.8	- -	19 45.8	16 43.5	3 -
DISEASES OF HEART (390-398,402,404-429)	103 423.1	100 424.3	3 -	157 332.4	148 325.7	9 -	135 325.3	118 320.6	17 -
CEREBROVASCULAR DISEASE (430-438)	12 49.5	11 46.7	1 -	28 59.3	27 59.4	1 -	39 94.0	31 84.2	8 -
ATHEROSCLEROSIS (440)	7 28.8	7 29.7	- -	- -	- -	- -	4 9.6	4 10.9	- -
PNEUMONIA AND INFLUENZA (480-487)	10 41.1	10 42.4	- -	16 33.9	16 35.2	- -	13 31.3	11 29.9	2 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13 53.4	13 55.2	- -	33 69.9	32 70.4	1 -	15 36.1	12 32.6	3 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3 12.3	3 12.7	- -	9 19.1	9 19.8	- -	7 16.9	5 13.6	2 -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 12.3	3 12.7	- -	3 6.4	2 4.4	1 -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	2 4.2	2 4.4	- -	2 4.8	1 2.7	1 -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4 16.4	4 17.0	- -	8 16.9	8 17.6	- -	1 2.4	1 2.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	16 65.7	16 67.9	- -	29 61.4	28 61.6	1 -	26 62.7	25 67.9	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	9 37.0	9 38.2	- -	14 29.6	14 30.8	- -	10 24.1	9 24.5	1 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 28.8	7 29.7	- -	15 31.8	14 30.8	1 -	16 38.6	16 43.5	- -
SUICIDE (E950-E959)	3 12.3	3 12.7	- -	4 8.5	3 6.6	1 -	5 12.0	9 13.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	3 6.4	3 6.6	- -	3 7.2	3 8.2	- -
ALL OTHER CAUSES	24 98.6	23 97.6	1 -	44 93.2	44 96.8	- -	49 118.1	41 111.4	8 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	RUTHERFORD			SCOTT			SEQUATCHIE		
1990 CENSUS POPULATION	ALL RACES 118,570 NO. RATE	WHITE 105,740 NO. RATE	OTHER RACES 12,830 NO. RATE	ALL RACES 18,358 NO. RATE	WHITE 18,263 NO. RATE	OTHER RACES 95 NO. RATE	ALL RACES 8,863 NO. RATE	WHITE 8,851 NO. RATE	OTHER RACES 12 NO. RATE
LIVE BIRTHS	2006 16.9	1770 16.7	236 18.4	293 16.0	292 16.0	1 10.5	134 15.1	134 15.1	- -
ILLEGITIMATE BIRTHS	425 21.2	299 16.9	126 53.4	62 21.2	62 21.2	- -	42 31.3	42 31.3	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	144 7.2	118 6.7	26 11.0	20 6.8	20 6.8	- -	10 7.5	10 7.5	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	11 5.5	10 5.6	1 4.2	- -	- -	- -	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7 3.5	7 4.0	- -	- -	- -	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	4 2.0	4 2.3	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	3 1.5	3 1.7	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	15 7.5	10 5.6	5 21.2	1 3.4	1 3.4	- -	- -	- -	- -
INDUCED ABORTIONS	418 208.4	343 191.5	73 341.1	21 71.7	21 71.7	- -	13 97.0	13 97.0	- -
TOTAL DEATHS	752 6.3	657 6.2	95 7.4	206 11.2	206 11.3	- -	69 7.8	69 7.8	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	2 1.7	2 1.9	- -	1 5.4	1 5.5	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	186 156.9	163 154.2	23 179.3	48 261.5	48 262.8	- -	9 101.5	9 101.7	- -
DIABETES MELLITUS (250)	17 14.3	15 14.2	2 15.6	3 16.3	3 16.4	- -	- -	- -	- -
DISEASES OF HEART (390-398,402,404-429).....	254 214.2	219 207.1	35 272.8	66 359.5	66 361.4	- -	34 383.6	34 384.1	- -
CEREBROVASCULAR DISEASE (430-438).....	73 61.6	62 58.6	11 85.7	21 114.4	21 115.0	- -	5 56.4	5 56.5	- -
ATHEROSCLEROSIS (440)	2 1.7	2 1.9	- -	3 16.3	3 16.4	- -	1 11.3	1 11.3	- -
PNEUMONIA AND INFLUENZA (480-487)	20 16.9	19 18.0	1 7.8	13 70.8	13 71.2	- -	5 56.4	5 56.5	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	24 20.2	23 21.8	1 7.8	9 49.0	9 49.3	- -	4 45.1	4 45.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7 5.9	6 5.7	1 7.8	1 5.4	1 5.5	- -	2 22.6	2 22.6	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 4.2	4 3.8	1 7.8	2 10.9	2 11.0	- -	1 11.3	1 11.3	- -
CONGENITAL ANOMALIES (740-759)	8 6.7	8 7.6	- -	1 5.4	1 5.5	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 1.7	2 1.9	- -	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5 4.2	4 3.8	1 7.8	7 38.1	7 38.3	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	40 33.7	36 34.0	4 31.2	15 81.7	15 82.1	- -	4 45.1	4 45.2	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	22 18.6	21 19.9	1 7.8	9 49.0	9 49.3	- -	2 22.6	2 22.6	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	18 15.2	15 14.2	3 23.4	6 32.7	6 32.9	- -	2 22.6	2 22.6	- -
SUICIDE (E950-E959)	14 11.8	14 13.2	- -	3 16.3	3 16.4	- -	- -	- -	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	6 5.1	3 2.8	3 23.4	- -	- -	- -	- -	- -	- -
ALL OTHER CAUSES	87 73.4	75 70.9	12 93.5	13 70.8	13 71.2	- -	4 45.1	4 45.2	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(Continued)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	SEVIER			SHELBY			SMITH		
1990 CENSUS POPULATION	ALL RACES 51,043 NO. RATE	WHITE 50,462 NO. RATE	OTHER RACES 501 NO. RATE	ALL RACES 826,330 NO. RATE	WHITE 455,063 NO. RATE	OTHER RACES 371,267 NO. RATE	ALL RACES 14,143 NO. RATE	WHITE 13,626 NO. RATE	OTHER RACES 517 NO. RATE
LIVE BIRTHS	736 14.4	725 14.4	11 18.9	15858 19.2	6503 14.3	9351 25.2	198 14.0	192 14.1	6 11.6
ILLEGITIMATE BIRTHS	149 20.2	146 20.1	3 27.3	7476 47.1	837 12.9	6638 71.0	28 14.1	25 13.0	3 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	62 8.4	59 8.1	3 27.3	1700 10.7	393 6.0	1306 14.0	23 11.6	22 11.5	1 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10 13.6	10 13.8	- -	228 14.4	44 6.8	184 19.7	4 20.2	4 20.8	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4 5.4	4 5.5	- -	152 9.6	27 4.2	125 13.4	1 5.1	1 5.2	- -
UNDER 7 DAYS OF AGE	3 4.1	3 4.1	- -	117 7.4	20 3.1	97 10.4	- -	- -	- -
7-27 DAYS OF AGE	1 1.4	1 1.4	- -	35 2.2	7 1.1	28 3.0	1 5.1	1 5.2	- -
FETAL DEATHS	5 6.8	4 5.5	1 90.9	90 5.7	24 3.7	66 7.1	1 5.1	1 5.2	- -
INDUCED ABORTIONS	193 262.2	189 258.9	4 -	6890 434.5	2271 346.1	4609 496.0	16 80.8	15 78.1	1 -
TOTAL DEATHS	435 8.5	429 8.5	6 10.3	7402 9.0	3899 8.6	3503 9.4	162 11.5	159 11.7	3 5.8
CAUSE OF DEATH									
SEPTICEMIA (038)	1 2.0	1 2.0	- -	75 9.1	28 6.2	47 12.7	1 7.1	1 7.3	- -
MALIGNANT NEOPLASMS (140-208)	89 174.4	88 174.4	1 -	1700 205.7	987 216.9	713 192.0	28 198.0	28 205.5	- -
DIABETES MELLITUS (250)	10 19.6	9 17.8	1 -	115 13.9	52 11.4	63 17.0	4 28.3	4 29.4	- -
DISEASES OF HEART (390-398,402,404-429)	143 280.2	141 279.4	2 -	2345 283.8	1259 276.7	1086 292.5	66 466.7	66 484.4	- -
CEREBROVASCULAR DISEASE (430-438)	36 70.5	35 69.4	1 -	612 74.1	312 68.6	300 80.8	15 106.1	14 102.7	1 -
ATHEROSCLEROSIS (440)	8 15.7	7 13.9	1 -	18 2.2	13 2.9	5 1.3	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	7 13.7	7 13.9	- -	270 32.7	166 36.5	104 28.0	4 28.3	3 22.0	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	15 29.4	15 29.7	- -	271 32.8	187 41.1	84 22.6	8 56.6	8 58.7	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6 11.8	6 11.9	- -	85 10.3	42 9.2	43 11.6	1 7.1	1 7.3	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 5.9	3 5.9	- -	78 9.4	32 7.0	46 12.4	1 7.1	1 7.3	- -
CONGENITAL ANOMALIES (740-759)	1 2.0	1 2.0	- -	56 6.8	17 3.7	39 10.5	2 14.1	2 14.7	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4 7.8	4 7.9	- -	124 15.0	17 3.7	107 28.8	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	25 49.0	25 49.5	- -	96 11.6	41 9.0	55 14.8	1 7.1	1 7.3	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	25 49.0	25 49.5	- -	303 36.7	156 34.3	147 39.6	9 63.6	8 58.7	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	15 29.4	15 29.7	- -	137 16.6	64 14.1	73 19.7	3 21.2	3 22.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10 19.6	10 19.8	- -	166 20.1	92 20.2	74 19.9	6 42.4	5 36.7	1 -
SUICIDE (E950-E959)	8 15.7	8 15.9	- -	119 14.4	79 17.4	40 10.8	2 14.1	2 14.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 2.0	1 2.0	- -	212 25.7	27 5.9	185 49.8	- -	- -	- -
ALL OTHER CAUSES	53 103.8	53 105.0	- -	923 111.7	484 106.4	439 118.2	20 141.4	20 146.8	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	STEWART			SULLIVAN			SUMNER		
1990 CENSUS POPULATION	ALL RACES 9,479 NO. RATE	WHITE 9,294 NO. RATE	OTHER RACES 185 NO. RATE	ALL RACES 143,596 NO. RATE	WHITE 140,076 NO. RATE	OTHER RACES 3,520 NO. RATE	ALL RACES 103,281 NO. RATE	WHITE 97,073 NO. RATE	OTHER RACES 6,208 NO. RATE
LIVE BIRTHS	125 13.2	122 13.1	3 16.2	1804 12.6	1746 12.5	58 16.5	1470 14.2	1367 14.1	103 16.6
ILLEGITIMATE BIRTHS	22 17.6	21 17.2	1 -	361 20.0	330 18.9	31 53.4	307 20.9	245 17.9	62 60.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 10.4	13 10.7	- -	123 6.8	117 6.7	6 10.3	86 5.9	76 5.6	10 9.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 8.0	1 8.2	- -	15 8.3	14 8.0	1 17.2	11 7.5	10 7.3	1 9.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 8.0	1 8.2	- -	10 5.5	9 5.2	1 17.2	7 4.8	7 5.1	- -
UNDER 7 DAYS OF AGE	1 8.0	1 8.2	- -	8 4.4	7 4.0	1 17.2	6 4.1	6 4.4	- -
7-27 DAYS OF AGE	- -	- -	- -	2 1.1	2 1.1	- -	1 0.7	1 0.7	- -
FETAL DEATHS	3 24.0	3 24.6	- -	11 6.1	10 5.7	- -	12 8.2	11 8.0	1 9.7
INDUCED ABORTIONS	4 32.0	4 32.5	- -	361 200.1	349 199.0	11 220.0	254 172.8	234 169.8	19 206.5
TOTAL DEATHS	108 11.4	104 11.2	4 21.6	1394 9.7	1358 9.7	36 10.2	710 6.9	662 6.8	48 7.7
CAUSE OF DEATH									
SEPTICEMIA (038)	1 10.5	1 10.8	- -	6 4.2	6 4.3	- -	2 1.9	2 2.1	- -
MALIGNANT NEOPLASMS (140-208)	24 253.2	23 247.5	1 -	309 215.2	301 214.9	8 -	176 170.4	169 174.1	7 112.8
DIABETES MELLITUS (250)	- -	- -	- -	33 23.0	31 22.1	2 -	14 13.6	12 12.4	2 32.2
DISEASES OF HEART (390-398,402,404-429)	46 485.3	45 484.2	1 -	456 317.6	440 314.1	16 -	245 237.2	228 234.9	17 273.8
CEREBROVASCULAR DISEASE (430-438)	10 105.5	10 107.6	- -	105 73.1	104 74.2	1 -	51 49.4	42 43.3	9 145.0
ATHEROSCLEROSIS (440)	- -	- -	- -	11 7.7	11 7.9	- -	7 6.8	7 7.2	- -
PNEUMONIA AND INFLUENZA (480-487)	3 31.6	3 32.3	- -	57 39.7	55 39.3	2 -	29 28.1	28 28.8	1 16.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	2 21.1	2 21.5	- -	67 46.7	66 47.1	1 -	30 29.0	29 29.9	1 16.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	21 14.6	21 15.0	- -	5 4.8	4 4.1	1 16.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 10.5	1 10.8	- -	10 7.0	10 7.1	- -	4 3.9	4 4.1	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	8 5.6	7 5.0	1 -	6 5.8	5 5.2	1 16.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 10.5	1 10.8	- -	4 2.8	4 2.9	- -	5 4.8	5 5.2	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3 31.6	2 21.5	1 -	9 6.3	9 6.4	- -	3 2.9	3 3.1	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6 63.3	6 64.6	- -	76 52.9	75 53.5	1 -	36 34.9	35 36.1	1 16.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 31.6	3 32.3	- -	37 25.8	36 25.7	1 -	17 16.5	17 17.5	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 31.6	3 32.3	- -	39 27.2	39 27.8	- -	19 18.4	18 18.5	1 16.1
SUICIDE (E950-E959)	1 10.5	1 10.8	- -	26 18.1	26 18.6	- -	15 14.5	14 14.4	1 16.1
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	9 6.3	8 5.7	1 -	4 3.9	2 2.1	2 32.2
ALL OTHER CAUSES	10 105.5	9 96.8	1 -	187 130.2	184 131.4	3 -	78 75.5	73 75.2	5 80.5

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	TIPTON			TROUSDALE			UNICOI		
1990 CENSUS POPULATION	ALL RACES 37,568 NO. RATE	WHITE 28,436 NO. RATE	OTHER RACES 9,132 NO. RATE	ALL RACES 5,920 NO. RATE	WHITE 5,040 NO. RATE	OTHER RACES 880 NO. RATE	ALL RACES 16,549 NO. RATE	WHITE 16,488 NO. RATE	OTHER RACES 61 NO. RATE
LIVE BIRTHS	680 18.1	451 15.9	229 25.1	83 14.0	74 14.7	9 10.2	166 10.0	159 9.6	7 114.8
ILLEGITIMATE BIRTHS	219 32.2	63 14.0	156 68.1	17 20.5	12 16.2	5 -	37 22.3	37 23.3	- -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	65 9.6	34 7.5	31 13.5	15 18.1	13 17.6	2 -	11 6.6	8 5.0	3 -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9 13.2	5 11.1	4 17.5	3 36.1	2 27.0	1 -	4 24.1	4 25.2	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7 10.3	4 8.9	3 13.1	1 12.0	1 13.5	- -	3 18.1	3 18.9	- -
UNDER 7 DAYS OF AGE	5 7.4	3 6.7	2 8.7	1 12.0	1 13.5	- -	3 18.1	3 18.9	- -
7-27 DAYS OF AGE	2 2.9	1 2.2	1 4.4	- -	- -	- -	- -	- -	- -
FETAL DEATHS	5 7.4	3 6.7	2 8.7	1 12.0	- -	1 -	2 12.0	2 12.6	- -
INDUCED ABORTIONS	125 183.8	84 185.4	41 180.6	13 156.6	12 162.2	1 -	40 241.0	39 239.3	1 -
TOTAL DEATHS	297 7.9	193 6.8	104 11.4	75 12.7	59 11.7	16 18.2	184 11.1	184 11.2	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	5 13.3	5 17.6	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	65 173.0	42 147.7	23 251.9	11 185.8	10 198.4	1 -	34 205.5	34 206.2	- -
DIABETES MELLITUS (250)	9 24.0	7 24.6	2 21.9	4 67.6	4 79.4	- -	3 18.1	3 18.2	- -
DISEASES OF HEART (390-398,402,404-429)	87 231.6	48 168.8	39 427.1	19 320.9	14 277.8	5 -	71 429.0	71 430.6	- -
CEREBROVASCULAR DISEASE (430-438)	32 85.2	23 80.9	9 98.6	9 152.0	7 138.9	2 -	13 78.6	13 78.8	- -
ATHEROSCLEROSIS (440)	2 5.3	2 7.0	- -	1 16.9	1 19.8	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	10 26.6	8 28.1	2 21.9	3 50.7	1 19.8	2 -	9 54.4	9 54.6	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9 24.0	9 31.7	- -	3 50.7	3 59.5	- -	8 48.3	8 48.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 10.6	3 10.6	1 11.0	- -	- -	- -	2 12.1	2 12.1	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 5.3	1 3.5	1 11.0	3 50.7	3 59.5	- -	4 24.2	4 24.3	- -
CONGENITAL ANOMALIES (740-759)	3 8.0	2 7.0	1 11.0	- -	- -	- -	2 12.1	2 12.1	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5 13.3	2 7.0	3 32.9	1 16.9	1 19.8	- -	1 6.0	1 6.1	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 5.3	2 7.0	- -	1 16.9	- -	1 -	2 12.1	2 12.1	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17 45.3	11 38.7	6 65.7	4 67.6	2 39.7	2 -	9 54.4	9 54.6	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	9 24.0	6 21.1	3 32.9	- -	- -	- -	4 24.2	4 24.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8 21.3	5 17.6	3 32.9	4 67.6	2 39.7	2 -	5 30.2	5 30.3	- -
SUICIDE (E950-E959)	5 13.3	3 10.6	2 21.9	1 16.9	1 19.8	- -	3 18.1	3 18.2	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6 16.0	2 7.0	4 43.8	2 33.8	2 39.7	- -	- -	- -	- -
ALL OTHER CAUSES	34 90.5	23 80.9	11 120.5	13 219.6	10 198.4	3 -	23 139.0	23 139.5	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	UNION			VAN BUREN			WARREN		
	ALL RACES 13,694 NO. RATE	WHITE 13,658 NO. RATE	OTHER RACES 36 NO. RATE	ALL RACES 4,846 NO. RATE	WHITE 4,823 NO. RATE	OTHER RACES 23 NO. RATE	ALL RACES 32,992 NO. RATE	WHITE 31,511 NO. RATE	OTHER RACES 1,481 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	187 13.7	183 13.4	4 111.1	53 10.9	53 11.0	- -	464 14.1	435 13.8	29 19.6
ILLEGITIMATE BIRTHS	31 16.6	31 16.9	- -	15 28.3	15 28.3	- -	97 20.9	75 17.2	22 75.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 7.0	11 6.0	2 -	3 5.7	3 5.7	- -	41 8.8	34 7.8	7 24.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 5.3	1 5.5	- -	- -	- -	- -	5 10.8	5 11.5	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	- -	- -	- -	3 6.5	3 6.9	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	3 6.5	3 6.9	- -
7-27 DAYS OF AGE	1 5.3	1 5.5	- -	- -	- -	- -	1 2.2	1 2.3	- -
FETAL DEATHS	35 187.2	34 181.8	1 -	12 226.4	11 207.5	1 -	57 122.8	51 116.4	6 230.8
INDUCED ABORTIONS	137 10.0	137 10.0	- -	28 5.8	28 5.8	- -	335 10.2	326 10.3	9 6.1
TOTAL DEATHS									
CAUSE OF DEATH									
SEPTICEMIA (1038)	- -	- -	- -	- -	- -	- -	1 3.0	1 3.2	- -
MALIGNANT NEOPLASMS (140-208)	34 248.3	34 248.9	- -	4 82.5	4 -	- -	75 227.3	71 225.3	4 -
DIABETES MELLITUS (250)	3 21.9	3 22.0	- -	1 20.6	1 -	- -	16 48.5	15 47.6	1 -
DISEASES OF HEART (390-398,402,404-429)	53 387.0	53 388.1	- -	14 288.9	14 -	- -	102 309.2	100 317.3	2 -
CEREBROVASCULAR DISEASE (430-438)	7 51.1	7 51.3	- -	- -	- -	- -	24 72.7	24 76.2	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	- -	- -	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	6 43.8	6 43.9	- -	1 20.6	1 -	- -	14 42.4	14 44.4	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4 29.2	4 29.3	- -	1 20.6	1 -	- -	12 36.4	12 38.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	- -	- -	- -	3 9.1	3 9.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 7.3	1 7.3	- -	- -	- -	- -	2 6.1	2 6.3	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	2 6.1	2 6.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	1 3.0	1 3.2	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 14.6	2 14.6	- -	1 20.6	1 -	- -	8 24.2	8 25.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13 94.9	13 95.2	- -	- -	- -	- -	20 60.6	19 60.3	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	11 80.3	11 80.5	- -	- -	- -	- -	10 30.3	10 31.7	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 14.6	2 14.6	- -	- -	- -	- -	10 30.3	9 28.6	1 -
SUICIDE (E950-E959)	- -	- -	- -	2 41.3	2 -	- -	5 15.2	5 15.9	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	- -	- -	- -	2 6.1	2 6.3	- -
ALL OTHER CAUSES	14 102.2	14 102.5	- -	4 82.5	4 -	- -	48 145.5	47 149.2	1 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	WASHINGTON			MAYNE			MEADLEY		
	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES	ALL RACES	WHITE	OTHER RACES
	92,315 NO. RATE	88,409 NO. RATE	3,906 NO. RATE	13,935 NO. RATE	13,762 NO. RATE	173 NO. RATE	31,972 NO. RATE	29,368 NO. RATE	2,604 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	1195 12.9	1123 12.7	72 18.4	193 13.9	191 13.9	2 11.6	394 12.3	351 12.0	43 16.5
ILLEGITIMATE BIRTHS	238 19.9	202 18.0	36 50.0	28 14.5	27 14.1	1 -	72 18.3	50 14.2	22 51.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	64 5.4	61 5.4	3 4.2	14 7.3	14 7.3	-	36 9.1	29 8.3	7 16.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9 7.5	9 8.0	-	1 5.2	1 5.2	-	5 12.7	4 11.4	1 23.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7 5.9	7 6.2	-	-	-	-	3 7.6	3 8.5	-
UNDER 7 DAYS OF AGE	5 4.2	5 4.5	-	-	-	-	3 7.6	3 8.5	-
7-27 DAYS OF AGE	2 1.7	2 1.8	-	-	-	-	-	-	-
FETAL DEATHS	7 5.9	7 6.2	-	1 5.2	1 5.2	-	2 5.1	2 5.7	-
INDUCED ABORTIONS	310 259.4	289 254.4	20 339.0	5 25.9	5 26.2	-	97 246.2	85 240.8	12 292.7
TOTAL DEATHS	851 9.2	818 9.3	33 8.4	132 9.5	127 9.2	5 28.9	342 10.7	322 11.0	20 7.7
CAUSE OF DEATH									
SEPTICEMIA (038)	6 6.5	5 5.7	1 -	1 7.2	1 7.3	-	1 3.1	1 3.4	-
MALIGNANT NEOPLASMS (140-208)	194 210.2	185 209.3	9 -	35 251.2	33 239.8	2 -	75 234.6	71 241.8	4 -
DIABETES MELLITUS (250)	19 20.6	17 19.2	2 -	3 21.5	3 21.8	-	4 12.5	4 13.6	-
DISEASES OF HEART (390-398,402,404-429)	246 266.5	236 266.9	10 -	40 287.0	38 276.1	2 -	128 400.4	123 418.8	5 -
CEREBROVASCULAR DISEASE (430-438)	58 62.8	55 62.2	3 -	7 50.2	7 50.9	-	31 97.0	28 95.3	3 -
ATHEROSCLEROSIS (440)	11 11.9	11 12.4	-	4 28.7	3 21.8	1 -	10 31.3	9 30.6	1 -
PNEUMONIA AND INFLUENZA (480-487)	41 44.4	41 46.4	-	2 14.4	2 14.5	-	10 31.3	10 34.1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	41 44.4	40 45.2	1 -	7 50.2	7 50.9	-	11 34.4	11 37.5	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	14 15.2	13 14.7	1 -	4 28.7	4 29.1	-	3 9.4	3 10.2	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 4.3	3 3.4	1 -	2 14.4	2 14.5	-	-	-	-
CONGENITAL ANOMALIES (740-759)	6 6.5	6 6.8	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4 4.3	4 4.5	-	-	-	-	3 9.4	3 10.2	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	17 18.4	17 19.2	-	2 14.4	2 14.5	-	9 28.1	5 17.0	4 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	33 35.7	33 37.3	-	9 64.6	9 65.4	-	16 50.0	16 54.5	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	17 18.4	17 19.2	-	3 21.5	3 21.8	-	8 25.0	8 27.2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16 17.3	16 18.1	-	6 43.1	6 43.6	-	8 25.0	8 27.2	-
SUICIDE (E950-E959)	10 10.8	10 11.3	-	3 21.5	3 21.8	-	6 18.8	6 20.4	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 3.2	2 2.3	1 -	-	-	-	1 3.1	1 3.4	-
ALL OTHER CAUSES	144 156.0	140 158.4	4 -	13 93.3	13 94.5	-	34 106.3	31 105.6	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	WHITE			WILLIAMSON			WILSON		
	ALL RACES 20,090 NO. RATE	WHITE 19,654 NO. RATE	OTHER RACES 436 NO. RATE	ALL RACES 81,021 NO. RATE	WHITE 74,903 NO. RATE	OTHER RACES 6,118 NO. RATE	ALL RACES 67,675 NO. RATE	WHITE 62,561 NO. RATE	OTHER RACES 5,114 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	275 13.7	270 13.7	5 11.5	1130 13.9	1032 13.8	98 16.0	1011 14.9	905 14.5	106 20.7
ILLEGITIMATE BIRTHS	50 18.2	48 17.8	2 -	179 15.8	109 10.6	70 71.4	202 20.0	130 14.4	72 67.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20 7.3	19 7.0	1 -	65 5.8	55 5.3	10 10.2	73 7.2	56 6.2	17 16.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 10.9	3 11.1	- -	9 8.0	8 7.8	1 10.2	9 8.9	6 6.6	3 28.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 3.6	1 3.7	- -	6 5.3	5 4.8	1 10.2	8 7.9	6 6.6	2 18.9
UNDER 7 DAYS OF AGE	1 3.6	1 3.7	- -	5 4.4	4 3.9	1 10.2	7 6.9	6 6.6	1 9.4
7-27 DAYS OF AGE	- -	- -	- -	1 0.9	1 1.0	- -	1 1.0	- -	1 9.4
FETAL DEATHS	3 10.9	2 7.4	1 -	2 1.8	2 1.9	- -	8 7.9	6 6.6	2 18.9
INDUCED ABORTIONS	37 134.5	37 136.0	- -	184 162.8	163 156.9	21 230.8	147 145.4	131 143.2	16 166.7
TOTAL DEATHS	233 11.6	223 11.3	10 22.9	464 5.7	416 5.6	48 7.8	475 7.0	423 6.8	52 10.2
CAUSE OF DEATH									
SEPTICEMIA (038)	4 19.9	4 20.4	- -	3 3.7	3 4.0	- -	6 8.9	5 8.0	1 19.6
MALIGNANT NEOPLASMS (140-208)	59 293.7	57 290.0	2 -	120 148.1	109 145.5	11 179.8	110 162.5	93 148.7	17 332.4
DIABETES MELLITUS (250)	5 24.9	5 25.4	- -	17 21.0	15 20.0	2 32.7	3 4.4	2 3.2	1 19.6
DISEASES OF HEART (390-398,402,404-429)	61 303.6	59 300.2	2 -	144 177.7	128 170.9	16 261.5	159 234.9	146 233.4	13 254.2
CEREBROVASCULAR DISEASE (430-438)	33 164.3	31 157.7	2 -	36 44.4	32 42.7	4 65.4	51 75.4	48 76.7	3 58.7
ATHEROSCLEROSIS (440)	1 5.0	1 5.1	- -	5 6.2	5 6.7	- -	2 3.0	2 3.2	- -
PNEUMONIA AND INFLUENZA (480-487)	12 59.7	12 61.1	- -	14 17.3	12 16.0	2 32.7	18 26.6	15 24.0	3 58.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9 44.8	8 40.7	1 -	19 23.5	19 25.4	- -	10 14.8	10 16.0	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 5.0	1 5.1	- -	3 3.7	3 4.0	- -	6 8.9	3 4.8	3 58.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 10.0	2 10.2	- -	3 3.7	2 2.7	1 16.3	4 5.9	3 4.8	1 19.6
CONGENITAL ANOMALIES (740-759)	2 10.0	2 10.2	- -	4 4.9	4 5.3	- -	3 4.4	2 3.2	1 19.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	4 4.9	3 4.0	1 16.3	6 8.9	5 8.0	1 19.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 10.0	2 10.2	- -	5 6.2	5 6.7	- -	7 10.3	7 11.2	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13 64.7	13 66.1	- -	17 21.0	17 22.7	- -	33 48.8	31 49.6	2 39.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 29.9	6 30.5	- -	7 8.6	7 9.3	- -	24 35.5	23 36.8	1 19.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7 34.8	7 35.6	- -	10 12.3	10 13.4	- -	9 13.3	8 12.8	1 19.6
SUICIDE (E950-E959)	3 14.9	3 15.3	- -	7 8.6	7 9.3	- -	7 10.3	7 11.2	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1 5.0	1 5.1	- -	1 1.2	1 1.3	- -	4 5.9	2 3.2	2 39.1
ALL OTHER CAUSES	25 124.4	22 111.9	3 -	62 76.5	51 68.1	11 179.8	46 68.0	42 67.1	4 78.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	ATHENS			BARTLETT			BRISTOL		
	ALL RACES 12,054 NO. RATE	WHITE 10,825 NO. RATE	OTHER RACES 1,229 NO. RATE	ALL RACES 26,989 NO. RATE	WHITE 26,022 NO. RATE	OTHER RACES 967 NO. RATE	ALL RACES 23,421 NO. RATE	WHITE 22,390 NO. RATE	OTHER RACES 1,031 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	177 14.7	155 14.3	22 17.9	289 10.7	277 10.6	12 12.4	284 12.1	277 12.4	7 6.8
ILLEGITIMATE BIRTHS	41 23.2	32 20.6	9 40.9	26 9.0	22 7.9	4 33.3	59 20.8	55 19.9	4 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	13 7.3	11 7.1	2 9.1	23 8.0	22 7.9	1 8.3	16 5.6	16 5.8	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	- -	- -	- -	1 3.5	1 3.6	- -	5 17.6	5 18.1	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	1 3.5	1 3.6	- -	3 10.6	3 10.8	- -
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	2 7.0	2 7.2	- -
7-27 DAYS OF AGE	- -	- -	- -	1 3.5	1 3.6	- -	1 3.5	1 3.6	- -
FETAL DEATHS	- -	- -	- -	2 6.9	2 7.2	- -	2 7.0	1 3.6	- -
INDUCED ABORTIONS	42 237.3	34 213.8	8 444.4	97 335.6	88 315.4	9 900.0	74 260.6	68 244.6	5 -
TOTAL DEATHS	137 11.4	133 12.3	4 3.3	95 3.5	91 3.5	4 4.1	298 12.7	284 12.7	14 13.6
CAUSE OF DEATH									
SEPTICEMIA (038)	1 8.3	1 9.2	- -	- -	- -	- -	3 12.8	3 13.4	- -
MALIGNANT NEOPLASMS (140-208)	33 273.8	32 295.6	1 -	25 92.6	24 92.2	1 -	69 294.6	67 299.2	2 -
DIABETES MELLITUS (250)	2 16.6	2 18.5	- -	1 3.7	1 3.8	- -	10 42.7	8 35.7	2 -
DISEASES OF HEART (390-398,402,404-429).....	54 448.0	54 498.8	- -	34 126.0	34 130.7	- -	89 380.0	84 375.2	5 -
CEREBROVASCULAR DISEASE (430-438).....	11 91.3	10 92.4	1 -	4 14.8	4 15.4	- -	18 76.9	17 75.9	1 -
ATHEROSCLEROSIS (440)	2 16.6	1 9.2	1 -	- -	- -	- -	3 12.8	3 13.4	- -
PNEUMONIA AND INFLUENZA (480-487)	3 24.9	3 27.7	- -	6 22.2	6 23.1	- -	18 76.9	17 75.9	1 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	3 24.9	2 18.5	1 -	- -	- -	- -	16 68.3	15 67.0	1 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4 33.2	4 37.0	- -	1 3.7	1 3.8	- -	6 25.6	6 26.8	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 8.3	1 9.2	- -	2 7.4	2 7.7	- -	2 8.5	2 8.9	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	- -	- -	- -	1 4.3	1 4.5	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	- -	- -	- -	3 12.8	3 13.4	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	1 3.7	1 3.8	- -	- -	- -	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5 41.5	5 46.2	- -	7 25.9	6 23.1	1 -	12 51.2	12 53.6	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 24.9	3 27.7	- -	5 18.5	5 19.2	- -	3 12.8	3 13.4	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 16.6	2 18.5	- -	2 7.4	1 3.8	1 -	9 38.4	9 40.2	- -
SUICIDE (E950-E959)	1 8.3	1 9.2	- -	1 3.7	1 3.8	- -	6 25.6	6 26.8	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	3 24.9	3 27.7	- -	- -	- -	- -	2 8.5	2 8.9	- -
ALL OTHER CAUSES	14 116.1	14 129.3	- -	13 48.2	11 42.3	2 -	40 170.8	38 169.7	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (19TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	CHATTANOOGA			CLARKSVILLE			CLEVELAND		
1990 CENSUS POPULATION	ALL RACES 152,466 NO. RATE	WHITE 99,057 NO. RATE	OTHER RACES 53,409 NO. RATE	ALL RACES 75,494 NO. RATE	WHITE 56,588 NO. RATE	OTHER RACES 18,906 NO. RATE	ALL RACES 30,354 NO. RATE	WHITE 27,790 NO. RATE	OTHER RACES 2,564 NO. RATE
LIVE BIRTHS	2661 17.5	1423 14.4	1238 23.2	1668 22.1	1155 20.4	513 27.1	552 18.2	495 17.8	57 22.2
ILLEGITIMATE BIRTHS	1231 46.3	308 21.6	923 74.6	362 21.7	176 15.2	186 36.3	145 26.3	111 22.4	34 59.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	242 9.1	74 5.2	168 13.6	127 7.6	76 6.6	51 9.9	45 8.2	37 7.5	8 14.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	24 9.0	11 7.7	13 10.5	12 7.2	8 6.9	4 7.8	3 5.4	3 6.1	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	15 5.6	7 4.9	8 6.5	7 4.8	6 5.2	1 1.9	1 1.8	1 2.0	- -
UNDER 7 DAYS OF AGE	7 2.6	3 2.1	4 3.2	5 3.0	4 3.5	1 1.9	1 1.8	1 2.0	- -
7-27 DAYS OF AGE	8 3.0	4 2.8	4 3.2	2 1.8	2 1.7	- -	- -	- -	- -
FETAL DEATHS	23 8.6	13 9.1	10 8.1	9 5.4	7 6.1	2 3.9	9 16.3	8 16.2	1 17.5
INDUCED ABORTIONS	982 369.0	610 421.0	366 302.0	181 108.5	127 104.7	54 118.7	52 94.2	48 95.6	4 80.0
TOTAL DEATHS	1943 12.7	1330 13.4	613 11.5	458 6.1	342 6.0	116 6.1	371 12.2	350 12.6	21 8.2
CAUSE OF DEATH									
SEPTICEMIA (038)	15 9.8	6 6.1	9 16.9	- -	- -	- -	1 3.3	1 3.6	- -
MALIGNANT NEOPLASMS (140-208)	449 294.5	314 317.0	135 252.8	106 140.4	74 130.8	32 169.3	94 309.7	86 309.5	8 -
DIABETES MELLITUS (250)	38 24.9	26 26.2	12 22.5	13 17.2	8 14.1	5 26.4	11 36.2	10 36.0	1 -
DISEASES OF HEART (390-398,402,404-429).....	671 440.1	483 487.6	188 352.0	137 181.5	108 190.9	29 153.4	127 418.4	124 446.2	3 -
CEREBROVASCULAR DISEASE (430-438).....	136 89.2	92 92.9	44 82.4	46 60.9	36 63.6	10 52.9	26 85.7	24 86.4	2 -
ATHEROSCLEROSIS (440)	13 8.5	10 10.1	3 5.6	3 4.0	3 5.3	- -	3 9.9	3 10.8	- -
PNEUMONIA AND INFLUENZA (480-487)	83 54.4	59 59.6	24 44.9	8 10.6	5 8.8	3 15.9	19 62.6	19 68.4	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	95 62.3	75 75.7	20 37.4	14 18.5	8 14.1	6 31.7	9 29.7	9 32.4	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	24 15.7	15 15.1	9 16.9	6 7.9	6 10.6	- -	5 16.5	5 18.0	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	11 7.2	3 3.0	8 15.0	5 6.6	2 3.5	3 15.9	1 3.3	1 3.6	- -
CONGENITAL ANOMALIES (740-759)	8 5.2	4 4.0	4 7.5	3 4.0	2 3.5	1 5.3	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	11 7.2	4 4.0	7 13.1	7 9.3	5 8.8	2 10.6	1 3.3	1 3.6	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7 4.6	3 3.0	4 7.5	10 13.2	6 10.6	4 21.2	9 29.7	9 32.4	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	64 42.0	43 43.4	21 39.3	22 29.1	18 31.8	4 21.2	18 59.3	17 61.2	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	26 17.1	22 22.2	4 7.5	11 14.6	10 17.7	1 5.3	6 19.8	6 21.6	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	38 24.9	21 21.2	17 31.8	11 14.6	8 14.1	3 15.9	12 39.5	11 39.6	1 -
SUICIDE (E950-E959)	18 11.8	12 12.1	6 11.2	10 13.2	10 17.7	- -	5 16.5	5 18.0	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	34 22.3	7 7.1	27 50.6	5 6.6	2 3.5	3 15.9	2 6.6	1 3.6	1 -
ALL OTHER CAUSES	266 174.5	174 175.7	92 172.3	63 83.5	49 86.6	14 74.1	40 131.8	35 125.9	5 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	COLUMBIA			COOKEVILLE			DYERSBURG		
1990 CENSUS POPULATION	ALL RACES 28,583 NO. RATE	WHITE 22,451 NO. RATE	OTHER RACES 6,132 NO. RATE	ALL RACES 21,744 NO. RATE	WHITE 20,660 NO. RATE	OTHER RACES 1,084 NO. RATE	ALL RACES 16,317 NO. RATE	WHITE 13,073 NO. RATE	OTHER RACES 3,244 NO. RATE
LIVE BIRTHS	492 17.2	352 15.7	140 22.0	302 13.9	285 13.8	17 15.7	309 18.9	221 16.9	88 27.1
ILLEGITIMATE BIRTHS	169 34.3	73 20.7	96 68.6	51 16.9	46 16.1	5 29.4	98 31.7	36 16.3	62 70.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	37 7.5	22 6.3	15 10.7	13 4.3	13 4.6	- -	37 12.0	20 9.0	17 19.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 4.1	1 2.8	1 7.1	2 6.6	1 3.5	1 58.8	6 19.4	3 13.6	3 34.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.0	- -	1 7.1	1 3.3	1 3.5	- -	5 16.2	2 9.0	3 34.1
UNDER 7 DAYS OF AGE	1 2.0	- -	1 7.1	1 3.3	1 3.5	- -	4 12.9	1 4.5	3 34.1
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	1 3.2	1 4.5	- -
FETAL DEATHS	6 12.2	4 11.4	2 14.3	2 6.6	2 7.0	- -	2 6.5	2 9.0	- -
INDUCED ABORTIONS	79 160.6	55 154.5	24 176.5	92 304.6	89 306.9	3 250.0	69 223.3	49 219.7	20 232.6
TOTAL DEATHS	307 10.7	250 11.1	57 9.3	163 7.5	161 7.8	2 1.8	225 13.8	187 14.3	38 11.7
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	3 18.4	1 7.6	2 -
MALIGNANT NEOPLASMS (140-208)	64 223.9	54 240.5	10 163.1	42 193.2	41 198.5	1 -	36 220.6	31 237.1	5 -
DIABETES MELLITUS (250)	7 24.5	6 26.7	1 16.3	2 9.2	2 9.7	- -	2 12.3	2 15.3	- -
DISEASES OF HEART (390-398,402,404-429).....	94 328.9	75 334.1	19 309.8	58 266.7	58 280.7	- -	74 453.5	66 504.9	8 -
CEREBROVASCULAR DISEASE (430-438).....	30 105.0	27 120.3	3 48.9	14 64.4	14 67.8	- -	12 73.5	11 84.1	1 -
ATHEROSCLEROSIS (440)	4 14.0	2 8.9	2 32.6	2 9.2	2 9.7	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	18 63.0	16 71.3	2 32.6	3 13.8	3 14.5	- -	8 49.0	4 30.6	4 -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	12 42.0	10 44.5	2 32.6	8 36.8	8 38.7	- -	14 85.8	14 107.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5 17.5	4 17.8	1 16.3	1 4.6	1 4.8	- -	4 24.5	4 30.6	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 17.5	4 17.8	1 16.3	2 9.2	2 9.7	- -	3 18.4	2 15.3	1 -
CONGENITAL ANOMALIES (740-759)	2 7.0	1 4.5	1 16.3	1 4.6	1 4.8	- -	2 12.3	2 15.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 3.5	- -	1 16.3	- -	- -	- -	4 24.5	1 7.6	3 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7 24.5	7 31.2	- -	4 18.4	3 14.5	1 -	18 110.3	15 114.7	3 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5 17.5	3 13.4	2 32.6	5 23.0	5 24.2	- -	7 42.9	5 38.2	2 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	1 3.5	1 4.5	- -	5 23.0	5 24.2	- -	4 24.5	4 30.6	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4 14.0	2 8.9	2 32.6	- -	- -	- -	3 18.4	1 7.6	2 -
SUICIDE (E950-E959)	7 24.5	7 31.2	- -	4 18.4	4 19.4	- -	1 6.1	1 7.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	3 10.5	1 4.5	2 32.6	3 13.8	3 14.5	- -	8 49.0	2 15.3	6 -
ALL OTHER CAUSES	43 150.4	33 147.0	10 163.1	14 64.4	14 67.8	- -	29 177.7	26 198.9	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	EAST RIDGE			ELIZABETHTON			FRANKLIN		
1990 CENSUS POPULATION	ALL RACES 21,101 NO. RATE	WHITE 20,686 NO. RATE	OTHER RACES 415 NO. RATE	ALL RACES 11,931 NO. RATE	WHITE 11,531 NO. RATE	OTHER RACES 400 NO. RATE	ALL RACES 20,098 NO. RATE	WHITE 16,289 NO. RATE	OTHER RACES 3,809 NO. RATE
LIVE BIRTHS	151 7.2	148 7.2	3 7.2	158 13.2	147 12.7	11 27.5	404 20.1	325 20.0	79 20.7
ILLEGITIMATE BIRTHS	28 18.5	28 18.9	- -	45 28.5	37 25.2	8 72.7	79 19.6	24 7.4	55 69.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13 8.6	13 8.8	- -	16 10.1	14 9.5	2 18.2	25 6.2	16 4.9	9 11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 13.2	2 13.5	- -	3 19.0	3 20.4	- -	5 12.4	4 12.3	1 12.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 13.2	2 13.5	- -	3 19.0	3 20.4	- -	3 7.4	2 6.2	1 12.7
UNDER 7 DAYS OF AGE	1 6.6	1 6.8	- -	1 6.3	1 6.8	- -	2 5.0	1 3.1	1 12.7
7-27 DAYS OF AGE	1 6.6	1 6.8	- -	2 12.7	2 13.6	- -	1 2.5	1 3.1	- -
FETAL DEATHS	- -	- -	- -	- -	- -	- -	1 2.5	1 3.1	- -
INDUCED ABORTIONS	20 132.5	19 128.4	1 -	20 126.6	19 127.5	1 111.1	75 185.6	65 196.4	10 137.0
TOTAL DEATHS	173 8.2	173 8.4	- -	221 18.5	215 18.6	6 15.0	195 9.7	168 10.3	27 7.1
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	3 25.1	3 26.0	- -	3 14.9	3 18.4	- -
MALIGNANT NEOPLASMS (140-208)	48 227.5	48 232.0	- -	53 444.2	49 424.9	4 -	42 209.0	38 233.3	4 -
DIABETES MELLITUS (250)	4 19.0	4 19.3	- -	6 50.3	6 52.0	- -	7 34.8	5 30.7	2 -
DISEASES OF HEART (390-398, 402, 404-429)	67 317.5	67 323.9	- -	75 628.6	74 641.7	1 -	62 308.5	52 319.2	10 -
CEREBROVASCULAR DISEASE (430-438)	11 52.1	11 53.2	- -	8 67.1	8 69.4	- -	19 94.5	16 98.2	3 -
ATHEROSCLEROSIS (440)	4 19.0	4 19.3	- -	1 8.4	1 8.7	- -	1 5.0	1 6.1	- -
PNEUMONIA AND INFLUENZA (480-487)	5 23.7	5 24.2	- -	8 67.1	7 60.7	1 -	6 29.9	6 36.8	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5 23.7	5 24.2	- -	7 58.7	7 60.7	- -	7 34.8	7 43.0	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	3 25.1	3 26.0	- -	1 5.0	1 6.1	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 9.5	2 9.7	- -	4 33.5	4 34.7	- -	2 10.0	1 6.1	1 -
CONGENITAL ANOMALIES (740-759)	2 9.5	2 9.7	- -	1 8.4	1 8.7	- -	2 10.0	2 12.3	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 4.7	1 4.8	- -	2 16.8	2 17.3	- -	2 10.0	1 6.1	1 -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	2 16.8	2 17.3	- -	1 5.0	1 6.1	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5 23.7	5 24.2	- -	8 67.1	8 69.4	- -	6 29.9	6 36.8	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 14.2	3 14.5	- -	3 25.1	3 26.0	- -	2 10.0	2 12.3	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 9.5	2 9.7	- -	5 41.9	5 43.4	- -	4 19.9	4 24.6	- -
SUICIDE (E950-E959)	3 14.2	3 14.5	- -	2 16.8	2 17.3	- -	4 19.9	4 24.6	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 4.7	1 4.8	- -	- -	- -	- -	1 5.0	1 6.1	- -
ALL OTHER CAUSES	15 71.1	15 72.5	- -	38 318.5	38 329.5	- -	29 144.3	23 141.2	6 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	GALLATIN			GERMANTOWN			GREENEVILLE		
	ALL RACES 18,794 NO. RATE	WHITE 15,107 NO. RATE	OTHER RACES 3,687 NO. RATE	ALL RACES 32,893 NO. RATE	WHITE 31,299 NO. RATE	OTHER RACES 1,594 NO. RATE	ALL RACES 13,532 NO. RATE	WHITE 12,631 NO. RATE	OTHER RACES 901 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	334 17.8	271 17.9	63 17.1	285 8.7	261 8.3	24 15.1	187 13.8	176 13.9	11 12.2
ILLEGITIMATE BIRTHS	113 33.8	69 25.5	44 69.8	14 4.9	11 4.2	3 12.5	65 34.8	56 31.8	9 81.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	23 6.9	18 6.6	5 7.9	14 4.9	12 4.6	2 8.3	18 9.6	15 8.5	3 27.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 9.0	2 7.4	1 15.9	1 3.5	- -	1 41.7	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 3.0	1 3.7	- -	- -	- -	- -	- -	- -	- -
UNDER 7 DAYS OF AGE	1 3.0	1 3.7	- -	- -	- -	- -	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FETAL DEATHS	2 6.0	2 7.4	- -	- -	- -	- -	- -	- -	- -
INDUCED ABORTIONS	45 134.7	35 126.8	9 155.2	78 273.7	72 274.8	5 217.4	51 272.7	48 266.7	3 428.6
TOTAL DEATHS	210 11.2	172 11.4	38 10.3	128 3.9	125 4.0	3 1.9	195 14.4	188 14.9	7 7.8
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	1 7.4	1 7.9	- -
MALIGNANT NEOPLASMS (140-208)	47 250.1	42 278.0	5 -	34 103.4	32 102.2	2 -	40 295.6	39 308.8	1 -
DIABETES MELLITUS (250)	3 16.0	2 13.2	1 -	3 9.1	3 9.6	- -	3 22.2	3 23.8	- -
DISEASES OF HEART (390-398,402,404-429).....	78 415.0	64 423.6	14 -	33 100.3	33 105.4	- -	60 443.4	59 467.1	1 -
CEREBROVASCULAR DISEASE (430-438).....	15 79.8	8 53.0	7 -	6 18.2	6 19.2	- -	24 177.4	22 174.2	2 -
ATHEROSCLEROSIS (440)	- -	- -	- -	- -	- -	- -	4 29.6	4 31.7	- -
PNEUMONIA AND INFLUENZA (480-487)	10 53.2	9 59.6	1 -	5 15.2	5 16.0	- -	9 66.5	9 71.3	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	9 47.9	9 59.6	- -	7 21.3	7 22.4	- -	11 81.3	11 87.1	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 10.6	1 6.6	1 -	3 9.1	3 9.6	- -	2 14.8	2 15.8	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2 10.6	2 13.2	- -	1 3.0	1 3.2	- -	1 7.4	1 7.9	- -
CONGENITAL ANOMALIES (740-759)	1 5.3	- -	1 -	1 3.0	1 3.2	- -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 5.3	1 6.6	- -	- -	- -	- -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	- -	- -	- -	3 9.1	2 6.4	1 -	3 22.2	3 23.8	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9 47.9	9 59.6	- -	7 21.3	7 22.4	- -	8 59.1	8 63.3	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 16.0	3 19.9	- -	4 12.2	4 12.8	- -	7 51.7	7 55.4	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 31.9	6 39.7	- -	3 9.1	3 9.6	- -	1 7.4	1 7.9	- -
SUICIDE (E950-E959)	5 26.6	4 26.5	1 -	4 12.2	4 12.8	- -	4 29.6	4 31.7	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	3 16.0	1 6.6	2 -	2 6.1	2 6.4	- -	2 14.8	1 7.9	1 -
ALL OTHER CAUSES	25 133.0	20 132.4	5 -	19 57.8	19 60.7	- -	23 170.0	21 166.3	2 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	HENDERSONVILLE			HUMBOLDT			JACKSON		
1990 CENSUS POPULATION	ALL RACES 32,188 NO. RATE	WHITE 31,126 NO. RATE	OTHER RACES 1,062 NO. RATE	ALL RACES 9,651 NO. RATE	WHITE 5,895 NO. RATE	OTHER RACES 3,756 NO. RATE	ALL RACES 48,949 NO. RATE	WHITE 28,943 NO. RATE	OTHER RACES 20,006 NO. RATE
LIVE BIRTHS	420 13.0	403 12.9	17 16.0	178 18.4	84 14.2	94 25.0	837 17.1	385 13.3	452 22.6
ILLEGITIMATE BIRTHS	65 15.5	58 14.4	7 41.2	70 39.3	10 11.9	60 63.8	411 49.1	62 16.1	349 77.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	27 6.4	26 6.5	1 5.9	19 10.7	4 4.8	15 16.0	73 8.7	19 4.9	54 11.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1 2.4	1 2.5	- -	3 16.9	- -	3 31.9	14 16.7	2 5.2	12 26.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	- -	- -	- -	1 5.6	- -	1 10.6	9 10.8	2 5.2	7 15.5
UNDER 7 DAYS OF AGE	- -	- -	- -	- -	- -	- -	8 9.6	2 5.2	6 13.3
7-27 DAYS OF AGE	- -	- -	- -	1 5.6	- -	1 10.6	1 1.2	- -	1 2.2
FETAL DEATHS	6 14.3	6 14.9	- -	2 11.2	- -	2 21.3	9 10.8	2 5.2	7 15.5
INDUCED ABORTIONS	83 197.6	80 196.6	3 230.8	34 191.0	22 255.8	12 130.4	284 339.3	168 431.9	116 258.9
TOTAL DEATHS	191 5.9	188 6.0	3 2.8	115 11.9	79 13.4	36 9.6	588 12.0	408 14.1	180 9.0
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	- -	- -	- -	3 6.1	3 10.4	- -
MALIGNANT NEOPLASMS (140-208)	55 170.9	54 173.5	1 -	24 248.7	19 322.3	5 -	122 249.2	88 304.0	34 169.9
DIABETES MELLITUS (250)	- -	- -	- -	1 10.4	1 17.0	- -	10 20.4	5 17.3	5 25.0
DISEASES OF HEART (390-398,402,404-429).....	62 192.6	62 199.2	- -	50 518.1	37 627.7	13 -	175 357.5	139 480.3	36 179.9
CEREBROVASCULAR DISEASE (430-438).....	15 46.6	14 45.0	1 -	11 114.0	7 118.7	4 -	59 120.5	40 138.2	19 95.0
ATHEROSCLEROSIS (440)	1 3.1	1 3.2	- -	1 10.4	1 17.0	- -	7 14.3	4 13.8	3 15.0
PNEUMONIA AND INFLUENZA (480-487)	8 24.9	8 25.7	- -	4 41.4	3 50.9	1 -	14 28.6	12 41.5	2 10.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	10 31.1	9 28.9	1 -	3 31.1	1 17.0	2 -	24 49.0	20 69.1	4 20.0
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	- -	- -	- -	1 10.4	1 17.0	- -	5 10.2	4 13.8	1 5.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 3.1	1 3.2	- -	6 62.2	3 50.9	3 -	4 8.2	- -	4 20.0
CONGENITAL ANOMALIES (740-759)	2 6.2	2 6.4	- -	- -	- -	- -	3 6.1	- -	3 15.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 10.4	- -	1 -	7 14.3	2 6.9	5 25.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 3.1	1 3.2	- -	3 31.1	- -	3 -	30 61.3	10 34.6	20 100.0
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8 24.9	8 25.7	- -	- -	- -	- -	20 40.9	15 51.8	5 25.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 9.3	3 9.6	- -	- -	- -	- -	10 20.4	9 31.1	1 5.0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 15.5	5 16.1	- -	- -	- -	- -	10 20.4	6 20.7	4 20.0
SUICIDE (E950-E959)	7 21.7	7 22.5	- -	- -	- -	- -	9 18.4	6 20.7	3 15.0
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	- -	- -	- -	- -	- -	- -	8 16.3	1 3.5	7 35.0
ALL OTHER CAUSES	21 65.2	21 67.5	- -	10 103.6	6 101.8	4 -	88 179.8	59 203.8	29 145.0

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (19TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	JOHNSON CITY			KINGSPORT			KNOXVILLE		
	ALL RACES 49,381 NO. RATE	WHITE 45,971 NO. RATE	OTHER RACES 3,410 NO. RATE	ALL RACES 36,365 NO. RATE	WHITE 34,480 NO. RATE	OTHER RACES 1,885 NO. RATE	ALL RACES 165,121 NO. RATE	WHITE 136,604 NO. RATE	OTHER RACES 28,517 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	625 12.7	560 12.2	65 19.1	542 14.9	499 14.5	43 22.8	2565 15.5	1993 14.6	572 20.1
ILLEGITIMATE BIRTHS	157 25.1	124 22.1	33 50.8	154 28.4	128 25.7	26 60.5	822 32.0	448 22.5	374 65.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	36 5.8	32 5.7	4 6.2	35 6.5	29 5.8	6 14.0	223 8.7	150 7.5	73 12.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7 11.2	7 12.5	- -	3 5.5	2 4.0	1 23.3	21 8.2	15 7.5	6 10.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5 8.0	5 8.9	- -	3 5.5	2 4.0	1 23.3	18 7.0	13 6.5	5 8.7
UNDER 7 DAYS OF AGE	3 4.8	3 5.4	- -	3 5.5	2 4.0	1 23.3	17 6.6	13 6.5	4 7.0
7-27 DAYS OF AGE	2 3.2	2 3.6	- -	- -	- -	- -	1 0.4	- -	1 1.7
FETAL DEATHS	3 4.8	3 5.4	- -	3 5.5	3 6.0	- -	10 3.9	7 3.5	3 5.2
INDUCED ABORTIONS	175 280.0	161 281.5	14 264.2	179 330.3	174 343.9	5 138.9	1449 564.9	1184 584.1	264 490.7
TOTAL DEATHS	522 10.6	491 10.7	31 9.1	496 13.6	478 13.9	18 9.5	2138 12.9	1831 13.4	307 10.8
CAUSE OF DEATH									
SEPTICEMIA (038)	1 2.0	- -	1 -	1 2.7	1 2.9	- -	8 4.8	8 5.9	- -
MALIGNANT NEOPLASMS (140-208)	127 257.2	119 258.9	8 -	98 269.5	92 266.8	6 -	499 302.2	419 306.7	80 280.5
DIABETES MELLITUS (250)	14 28.4	12 26.1	2 -	8 22.0	8 23.2	- -	30 18.2	22 16.1	8 28.1
DISEASES OF HEART (390-398,402,404-429)	147 297.7	138 300.2	9 -	176 484.0	168 487.2	8 -	563 341.0	511 374.1	52 182.3
CEREBROVASCULAR DISEASE (430-438)	40 81.0	37 80.5	3 -	45 123.7	45 130.5	- -	162 98.1	140 102.5	22 77.1
ATHEROSCLEROSIS (440)	5 10.1	5 10.9	- -	3 8.2	3 8.7	- -	44 26.6	39 28.5	5 17.5
PNEUMONIA AND INFLUENZA (480-487)	22 44.6	22 47.9	- -	17 46.7	17 49.3	- -	57 34.5	53 38.8	4 14.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	22 44.6	21 45.7	1 -	26 71.5	26 75.4	- -	95 57.5	90 65.9	5 17.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10 20.3	9 19.6	1 -	6 16.5	6 17.4	- -	23 13.9	18 13.2	5 17.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 6.1	2 4.4	1 -	2 5.5	2 5.8	- -	12 7.3	5 3.7	7 24.5
CONGENITAL ANOMALIES (740-759)	4 8.1	4 8.7	- -	3 8.2	2 5.8	1 -	6 3.6	5 3.7	1 3.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3 6.1	3 6.5	- -	- -	- -	- -	15 9.1	11 8.1	4 14.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	10 20.3	10 21.8	- -	3 8.2	3 8.7	- -	172 104.2	140 102.5	32 112.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18 36.5	18 39.2	- -	24 66.0	23 66.7	1 -	75 45.4	59 43.2	16 56.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	6 12.2	6 13.1	- -	13 35.7	12 34.8	1 -	37 22.4	30 22.0	7 24.5
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12 24.3	12 26.1	- -	11 30.2	11 31.9	- -	38 23.0	29 21.2	9 31.6
SUICIDE (E950-E959)	9 18.2	9 19.6	- -	8 22.0	8 23.2	- -	31 18.8	27 19.8	4 14.0
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3 6.1	2 4.4	1 -	4 11.0	3 8.7	1 -	21 12.7	7 5.1	14 49.1
ALL OTHER CAUSES	84 170.1	80 174.0	4 -	72 198.0	71 205.9	1 -	325 196.8	277 202.8	48 168.3

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	LAHRENCBURG			LEBANON			MCMINNVILLE		
	ALL RACES 10,412 NO. RATE	WHITE 9,954 NO. RATE	OTHER RACES 458 NO. RATE	ALL RACES 15,280 NO. RATE	WHITE 12,771 NO. RATE	OTHER RACES 2,437 NO. RATE	ALL RACES 11,194 NO. RATE	WHITE 10,503 NO. RATE	OTHER RACES 691 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	173 16.6	166 16.7	7 15.3	282 18.5	218 17.1	64 26.3	192 17.2	176 16.8	16 23.2
ILLEGITIMATE BIRTHS	35 20.2	32 19.3	3 -	100 35.5	49 22.5	51 79.7	50 26.0	38 21.6	12 75.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	10 5.8	10 6.0	- -	36 12.8	21 9.6	15 23.4	19 9.9	14 8.0	5 31.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 11.6	2 12.0	- -	5 17.7	3 13.8	2 31.3	4 20.8	4 22.7	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 5.8	1 6.0	- -	4 14.2	3 13.8	1 15.6	2 10.4	2 11.4	- -
UNDER 7 DAYS OF AGE	1 5.8	1 6.0	- -	3 10.6	3 13.8	- -	2 10.4	2 11.4	- -
7-27 DAYS OF AGE	- -	- -	- -	1 3.5	- -	1 15.6	- -	- -	- -
FETAL DEATHS	1 5.8	1 6.0	- -	1 3.5	- -	1 15.6	- -	- -	- -
INDUCED ABORTIONS	14 80.9	13 76.9	1 -	63 223.4	54 246.6	9 142.9	30 156.3	26 146.1	4 285.7
TOTAL DEATHS	123 11.8	118 11.9	5 10.9	176 11.5	143 11.2	33 13.5	159 14.2	154 14.7	5 7.2
CAUSE OF DEATH									
SEPTICEMIA (038)	1 9.6	1 10.0	- -	5 32.7	4 31.3	1 -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	27 259.3	27 271.2	- -	40 261.8	32 250.6	8 -	38 339.5	35 333.2	3 -
DIABETES MELLITUS (250)	3 28.8	3 30.1	- -	1 6.5	1 7.8	- -	9 80.4	9 85.7	- -
DISEASES OF HEART (390-398,402,404-429).....	43 413.0	40 401.8	3 -	60 392.7	50 391.5	10 -	47 419.9	46 438.0	1 -
CEREBROVASCULAR DISEASE (430-438).....	8 76.8	8 80.4	- -	12 78.5	11 86.1	1 -	10 89.3	10 95.2	- -
ATHEROSCLEROSIS (440)	- -	- -	- -	1 6.5	1 7.8	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	8 76.8	7 70.3	1 -	8 52.4	6 47.0	2 -	9 80.4	9 85.7	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	7 67.2	7 70.3	- -	6 39.3	6 47.0	- -	3 26.8	3 28.6	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 9.6	1 10.0	- -	5 32.7	2 15.7	3 -	1 8.9	1 9.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4 38.4	4 40.2	- -	2 13.1	1 7.8	1 -	1 8.9	1 9.5	- -
CONGENITAL ANOMALIES (740-759)	1 9.6	1 10.0	- -	1 6.5	1 7.8	- -	1 8.9	1 9.5	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 9.6	1 10.0	- -	3 19.6	2 15.7	1 -	1 8.9	1 9.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1 9.6	1 10.0	- -	3 19.6	3 23.5	- -	3 26.8	3 28.6	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	3 28.8	3 30.1	- -	7 45.8	6 47.0	1 -	8 71.5	8 76.2	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	- -	- -	- -	6 39.3	5 39.2	1 -	6 53.6	6 57.1	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3 28.8	3 30.1	- -	1 6.5	1 7.8	- -	2 17.9	2 19.0	- -
SUICIDE (E950-E959)	2 19.2	2 20.1	- -	2 13.1	2 15.7	- -	1 8.9	1 9.5	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	- -	- -	- -	2 13.1	1 7.8	1 -	2 17.9	2 19.0	- -
ALL OTHER CAUSES	13 124.9	12 120.6	1 -	18 117.8	14 109.6	4 -	25 223.3	24 228.5	1 -

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	MARYVILLE			MEMPHIS			MILLINGTON		
1990 CENSUS POPULATION	ALL RACES 19,208 NO. RATE	WHITE 18,340 NO. RATE	OTHER RACES 868 NO. RATE	ALL RACES 610,337 NO. RATE	WHITE 268,600 NO. RATE	OTHER RACES 341,737 NO. RATE	ALL RACES 17,866 NO. RATE	WHITE 14,086 NO. RATE	OTHER RACES 3,780 NO. RATE
LIVE BIRTHS	306 15.9	276 15.0	30 34.6	12601 20.6	3795 14.1	8804 25.8	454 25.4	325 23.1	129 34.1
ILLEGITIMATE BIRTHS	67 21.9	51 18.5	16 53.3	7069 56.1	642 16.9	6426 73.0	102 22.5	45 13.8	57 44.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	14 4.6	11 4.0	3 10.0	1509 12.0	263 6.9	1245 14.1	27 5.9	19 5.8	8 6.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 6.5	2 7.2	- -	212 16.8	35 9.2	177 20.1	4 8.8	4 12.3	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 6.5	2 7.2	- -	142 11.3	20 5.3	122 13.9	2 4.4	2 6.2	- -
UNDER 7 DAYS OF AGE	2 6.5	2 7.2	- -	111 8.8	17 4.5	94 10.7	- -	- -	- -
7-27 DAYS OF AGE	- -	- -	- -	31 2.5	3 0.8	28 3.2	2 4.4	2 6.2	- -
FETAL DEATHS	2 6.5	2 7.2	- -	78 6.2	16 4.2	62 7.0	3 6.6	2 6.2	1 7.8
INDUCED ABORTIONS	99 323.5	95 344.2	4 133.3	6313 501.0	1841 479.4	4463 509.5	127 279.7	80 244.6	47 370.1
TOTAL DEATHS	233 12.1	230 12.5	3 3.5	6687 11.0	3319 12.4	3368 9.9	97 5.4	77 5.5	20 5.3
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -	71 11.6	26 9.7	45 13.2	1 5.6	1 7.1	- -
MALIGNANT NEOPLASMS (140-208)	52 270.7	51 278.1	1 -	1516 248.4	833 310.1	683 199.9	20 111.9	18 127.8	2 -
DIABETES MELLITUS (250)	1 5.2	1 5.5	- -	107 17.5	46 17.1	61 17.8	2 11.2	1 7.1	1 -
DISEASES OF HEART (390-398,402,404-429)	69 359.2	68 370.8	1 -	2127 348.5	1075 400.2	1052 307.8	26 145.5	22 156.2	4 -
CEREBROVASCULAR DISEASE (430-438)	24 124.9	24 130.9	- -	556 91.1	272 101.3	284 83.1	11 61.6	8 56.8	3 -
ATHEROSCLEROSIS (440)	2 10.4	2 10.9	- -	16 2.6	11 4.1	5 1.5	2 11.2	2 14.2	- -
PNEUMONIA AND INFLUENZA (480-487)	9 46.9	9 49.1	- -	240 39.3	141 52.5	99 29.0	4 22.4	4 28.4	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	7 36.4	7 38.2	- -	248 40.6	170 63.3	78 22.8	3 16.8	1 7.1	2 -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 5.2	1 5.5	- -	79 12.9	36 13.4	43 12.6	- -	- -	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 15.6	3 16.4	- -	70 11.5	27 10.1	43 12.6	2 11.2	2 14.2	- -
CONGENITAL ANOMALIES (740-759)	1 5.2	1 5.5	- -	51 8.4	14 5.2	37 10.8	1 5.6	1 7.1	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 5.2	1 5.5	- -	116 19.0	13 4.8	103 30.1	1 5.6	1 7.1	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8 41.6	8 43.6	- -	88 14.4	36 13.4	52 15.2	1 5.6	1 7.1	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10 52.1	10 54.5	- -	258 42.3	122 45.4	136 39.8	9 50.4	5 35.5	4 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	4 20.8	4 21.8	- -	109 17.9	44 16.4	65 19.0	6 33.6	3 21.3	3 -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 31.2	6 32.7	- -	149 24.4	78 29.0	71 20.8	3 16.8	2 14.2	1 -
SUICIDE (E950-E959)	1 5.2	1 5.5	- -	103 16.9	64 23.8	39 11.4	2 11.2	2 14.2	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	207 33.9	23 8.6	184 53.8	2 11.2	1 7.1	1 -
ALL OTHER CAUSES	44 229.1	43 234.5	1 -	834 136.6	410 152.6	424 124.1	10 56.0	7 49.7	3 -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(Continued)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (19TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	MORRISTOWN			MURFREESBORO			NASHVILLE		
	ALL RACES 21,385 NO. RATE	WHITE 19,324 NO. RATE	OTHER RACES 2,061 NO. RATE	ALL RACES 44,922 NO. RATE	WHITE 36,977 NO. RATE	OTHER RACES 7,945 NO. RATE	ALL RACES 510,784 NO. RATE	WHITE 381,740 NO. RATE	OTHER RACES 129,044 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	397 18.6	350 18.1	47 22.8	702 15.6	540 14.6	162 20.4	8706 17.0	5856 15.3	2847 22.1
ILLEGITIMATE BIRTHS	124 31.2	96 27.4	28 59.6	200 28.5	109 20.2	91 56.2	3094 35.5	1176 20.1	1918 67.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	28 7.1	23 6.6	5 10.6	53 7.5	36 6.7	17 10.5	787 9.0	405 6.9	382 13.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4 10.1	4 11.4	- -	3 4.3	2 3.7	1 6.2	83 9.5	36 6.1	47 16.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1 2.5	1 2.9	- -	- -	- -	- -	53 6.1	26 4.4	27 9.5
UNDER 7 DAYS OF AGE	1 2.5	1 2.9	- -	- -	- -	- -	45 5.2	23 3.9	22 7.7
7-27 DAYS OF AGE	- -	- -	- -	- -	- -	- -	8 0.9	3 0.5	5 1.8
FETAL DEATHS	3 7.6	3 8.6	- -	11 15.7	6 11.1	5 30.9	48 5.5	23 3.9	25 8.8
INDUCED ABORTIONS	100 251.9	92 256.3	8 210.5	180 256.4	146 263.5	32 216.2	2488 285.8	1629 273.2	854 311.6
TOTAL DEATHS	322 15.1	302 15.6	20 9.7	364 8.1	306 8.3	58 7.3	4605 9.0	3458 9.1	1147 8.9
CAUSE OF DEATH									
SEPTICEMIA (038)	1 4.7	1 5.2	- -	2 4.5	2 5.4	- -	25 4.9	21 5.5	4 3.1
MALIGNANT NEOPLASMS (140-208)	60 280.6	56 289.8	4 -	82 182.5	68 183.9	14 176.2	1037 203.0	767 200.9	270 209.2
DIABETES MELLITUS (250)	3 14.0	3 15.5	- -	10 22.3	8 21.6	2 25.2	97 19.0	67 17.6	30 23.2
DISEASES OF HEART (390-398,402,404-429)	112 523.7	105 543.4	7 -	134 298.3	109 294.8	25 314.7	1539 301.3	1191 312.0	348 269.7
CEREBROVASCULAR DISEASE (430-438)	47 219.8	45 232.9	2 -	40 89.0	36 97.4	4 50.3	144 67.3	273 71.5	71 55.0
ATHEROSCLEROSIS (440)	4 18.7	4 20.7	- -	2 4.5	2 5.4	- -	18 3.5	17 4.5	1 0.8
PNEUMONIA AND INFLUENZA (480-487)	13 60.8	11 56.9	2 -	10 22.3	9 24.3	1 12.6	186 36.4	142 37.2	44 34.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	16 74.8	15 77.6	1 -	9 20.0	9 24.3	- -	185 36.2	156 40.9	29 22.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6 28.1	6 31.0	- -	4 8.9	4 10.8	- -	56 11.0	38 10.0	18 13.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 14.0	1 5.2	2 -	3 6.7	3 8.1	- -	48 9.4	34 8.9	14 10.8
CONGENITAL ANOMALIES (740-759)	4 18.7	4 20.7	- -	2 4.5	2 5.4	- -	30 5.9	18 4.7	12 9.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	1 2.2	1 2.7	- -	39 7.6	18 4.7	21 16.3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 9.4	1 5.2	1 -	2 4.5	1 2.7	1 12.6	33 6.5	21 5.5	12 9.3
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	21 98.2	21 108.7	- -	7 15.6	6 16.2	1 12.6	199 39.0	137 35.9	62 48.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	15 70.1	15 77.6	- -	2 4.5	2 5.4	- -	115 22.5	82 21.5	33 25.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 28.1	6 31.0	- -	5 11.1	4 10.8	1 12.6	84 16.4	55 14.4	29 22.5
SUICIDE (E950-E959)	4 18.7	3 15.5	1 -	6 13.4	6 16.2	- -	67 13.1	57 14.9	10 7.7
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	- -	- -	- -	3 6.7	2 5.4	1 12.6	73 14.3	26 6.8	47 36.4
ALL OTHER CAUSES	26 121.6	26 134.5	- -	47 104.6	38 102.8	9 113.3	629 123.1	475 124.4	154 119.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	OAK RIDGE			PARIS			RED-BANK		
1990 CENSUS POPULATION	ALL RACES 27,310 NO. RATE	WHITE 24,409 NO. RATE	OTHER RACES 2,901 NO. RATE	ALL RACES 9,332 NO. RATE	WHITE 7,298 NO. RATE	OTHER RACES 2,034 NO. RATE	ALL RACES 12,322 NO. RATE	WHITE 11,464 NO. RATE	OTHER RACES 858 NO. RATE
LIVE BIRTHS	299 10.9	225 9.2	74 25.5	138 14.8	87 11.9	51 25.1	51 4.1	48 4.2	3 3.5
ILLEGITIMATE BIRTHS	84 28.1	45 20.0	39 52.7	59 42.8	24 27.6	35 68.6	15 29.4	13 27.1	2 -
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	19 6.4	9 4.0	10 13.5	13 9.4	3 3.4	10 19.6	2 3.9	2 4.2	- -
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2 6.7	1 4.4	1 13.5	2 14.5	- -	2 39.2	- -	- -	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 6.7	1 4.4	1 13.5	2 14.5	- -	2 39.2	- -	- -	- -
UNDER 7 DAYS OF AGE	1 3.3	1 4.4	- -	2 14.5	- -	2 39.2	- -	- -	- -
7-27 DAYS OF AGE	1 3.3	- -	1 13.5	- -	- -	- -	- -	- -	- -
FETAL DEATHS	2 6.7	2 8.9	- -	2 14.5	- -	2 39.2	- -	- -	- -
INDUCED ABORTIONS	89 297.7	74 320.3	15 220.6	42 304.3	34 386.4	8 160.0	7 137.3	6 125.0	1 -
TOTAL DEATHS	255 9.3	239 9.8	16 5.5	175 18.8	134 18.4	41 20.2	82 6.7	82 7.2	- -
CAUSE OF DEATH									
SEPTICEMIA (038)	2 7.3	2 8.2	- -	- -	- -	- -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	70 256.3	68 278.6	2 -	39 417.9	28 383.7	11 -	16 129.8	16 139.6	- -
DIABETES MELLITUS (250)	7 25.6	6 24.6	1 -	5 53.6	4 54.8	1 -	1 8.1	1 8.7	- -
DISEASES OF HEART (390-398,402,404-429).....	63 230.7	57 233.5	6 -	69 739.4	53 726.2	16 -	29 235.4	29 253.0	- -
CEREBROVASCULAR DISEASE (430-438).....	13 47.6	13 53.3	- -	21 225.0	19 260.3	2 -	9 73.0	9 78.5	- -
ATHEROSCLEROSIS (440)	3 11.0	3 12.3	- -	1 10.7	1 13.7	- -	- -	- -	- -
PNEUMONIA AND INFLUENZA (480-487)	13 47.6	12 49.2	1 -	3 32.1	2 27.4	1 -	3 24.3	3 26.2	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	10 36.6	10 41.0	- -	5 53.6	4 54.8	1 -	3 24.3	3 26.2	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6 22.0	6 24.6	- -	1 10.7	- -	1 -	1 8.1	1 8.7	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3 11.0	3 12.3	- -	2 21.4	1 13.7	1 -	- -	- -	- -
CONGENITAL ANOMALIES (740-759)	2 7.3	1 4.1	1 -	- -	- -	- -	1 8.1	1 8.7	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	- -	- -	- -	2 21.4	- -	2 -	- -	- -	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	9 33.0	7 28.7	2 -	1 10.7	1 13.7	- -	1 8.1	1 8.7	- -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8 29.3	8 32.8	- -	2 21.4	2 27.4	- -	4 32.5	4 34.9	- -
MOTOR VEHICLE ACCIDENTS (E810-E825)	3 11.0	3 12.3	- -	1 10.7	1 13.7	- -	1 8.1	1 8.7	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5 18.3	5 20.5	- -	1 10.7	1 13.7	- -	3 24.3	3 26.2	- -
SUICIDE (E950-E959)	8 29.3	8 32.8	- -	- -	- -	- -	- -	- -	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1 3.7	1 4.1	- -	1 10.7	1 13.7	- -	1 8.1	1 8.7	- -
ALL OTHER CAUSES	37 135.5	34 139.3	3 -	23 246.5	18 246.6	5 -	13 105.5	13 113.4	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII (CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	SHELBYVILLE			SPRINGFIELD			TULLAHOMA		
	ALL RACES 14,049 NO. RATE	WHITE 11,475 NO. RATE	OTHER RACES 2,574 NO. RATE	ALL RACES 11,227 NO. RATE	WHITE 7,800 NO. RATE	OTHER RACES 3,427 NO. RATE	ALL RACES 16,761 NO. RATE	WHITE 15,405 NO. RATE	OTHER RACES 1,356 NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	225 16.0	189 16.5	36 14.0	241 21.5	155 19.9	86 25.1	281 16.8	249 16.2	32 23.6
ILLEGITIMATE BIRTHS	78 34.7	55 29.1	23 63.9	93 38.6	29 18.7	64 74.4	66 23.5	49 19.7	17 53.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	22 9.8	14 7.4	8 22.2	19 7.9	8 5.2	11 12.8	26 9.3	22 8.8	4 12.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5 22.2	5 26.5	- -	1 4.1	- -	1 11.6	1 3.6	1 4.0	- -
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 8.9	2 10.6	- -	1 4.1	- -	1 11.6	1 3.6	1 4.0	- -
UNDER 7 DAYS OF AGE	2 8.9	2 10.6	- -	- -	- -	- -	1 3.6	1 4.0	- -
7-27 DAYS OF AGE	- -	- -	- -	1 4.1	- -	1 11.6	- -	- -	- -
FETAL DEATHS	4 17.8	2 10.6	2 55.6	5 20.7	2 12.9	3 34.9	- -	- -	- -
INDUCED ABORTIONS	18 80.0	13 68.1	5 147.1	27 112.0	17 109.0	10 117.6	11 39.1	10 39.4	1 37.0
TOTAL DEATHS	206 14.7	174 15.2	32 12.4	179 15.9	128 16.4	51 14.9	159 9.5	153 9.9	6 4.4
CAUSE OF DEATH									
SEPTICEMIA (038)	2 14.2	2 17.4	- -	5 44.5	4 51.3	1 -	- -	- -	- -
MALIGNANT NEOPLASMS (140-208)	43 306.1	37 322.4	6 -	36 320.7	23 294.9	13 -	42 250.6	41 266.1	1 -
DIABETES MELLITUS (250)	5 35.6	5 43.6	- -	7 62.3	4 51.3	3 -	4 23.9	4 26.0	- -
DISEASES OF HEART (390-398,402,404-429).....	69 491.1	56 488.0	13 -	57 507.7	42 538.5	15 -	56 334.1	53 344.0	3 -
CEREBROVASCULAR DISEASE (430-438).....	15 106.8	12 104.6	3 -	23 204.9	19 243.6	4 -	12 71.6	12 77.9	- -
ATHEROSCLEROSIS (440)	1 7.1	1 8.7	- -	1 8.9	1 12.8	- -	1 6.0	1 6.5	- -
PNEUMONIA AND INFLUENZA (480-487)	9 64.1	9 78.4	- -	7 62.3	5 64.1	2 -	6 35.8	6 38.9	- -
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	14 99.7	13 113.3	1 -	10 89.1	7 89.7	3 -	5 29.8	5 32.5	- -
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2 14.2	2 17.4	- -	3 26.7	1 12.8	2 -	1 6.0	1 6.5	- -
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5 35.6	4 34.9	1 -	- -	- -	- -	1 6.0	1 6.5	- -
CONGENITAL ANOMALIES (740-759)	- -	- -	- -	1 8.9	- -	1 -	- -	- -	- -
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2 14.2	2 17.4	- -	- -	- -	- -	1 6.0	1 6.5	- -
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 14.2	2 17.4	- -	- -	- -	- -	3 17.9	2 13.0	1 -
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11 78.3	9 78.4	2 -	6 53.4	6 76.9	- -	4 23.9	3 19.5	1 -
MOTOR VEHICLE ACCIDENTS (E810-E825)	5 35.6	3 26.1	2 -	1 8.9	1 12.8	- -	2 11.9	2 13.0	- -
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6 42.7	6 52.3	- -	5 44.5	5 64.1	- -	2 11.9	1 6.5	1 -
SUICIDE (E950-E959)	1 7.1	1 8.7	- -	2 17.8	2 25.6	- -	2 11.9	2 13.0	- -
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	- -	- -	- -	1 8.9	1 12.8	- -	- -	- -	- -
ALL OTHER CAUSES	25 177.9	19 165.6	6 -	20 178.1	13 166.7	7 -	21 125.3	21 136.3	- -

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	UNION CITY								
	ALL RACES 10,513 NO. RATE	WHITE 8,230 NO. RATE	OTHER RACES 2,283 NO. RATE	ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE	ALL RACES NO. RATE	WHITE NO. RATE	OTHER RACES NO. RATE
1990 CENSUS POPULATION									
LIVE BIRTHS	196 18.6	128 15.6	68 29.8						
ILLEGITIMATE BIRTHS	87 44.4	30 23.4	57 83.8						
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	17 8.7	9 7.0	8 11.8						
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3 15.3	2 15.6	1 14.7						
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2 10.2	1 7.8	1 14.7						
UNDER 7 DAYS OF AGE	1 5.1	- -	1 14.7						
7-27 DAYS OF AGE	1 5.1	1 7.8	- -						
FETAL DEATHS	1 5.1	1 7.8	- -						
INDUCED ABORTIONS	32 163.3	25 192.3	7 106.1						
TOTAL DEATHS	145 13.8	121 14.7	24 10.5						
CAUSE OF DEATH									
SEPTICEMIA (038)	- -	- -	- -						
MALIGNANT NEOPLASMS (140-208)	26 247.3	22 267.3	4 -						
DIABETES MELLITUS (250)	- -	- -	- -						
DISEASES OF HEART (390-398,402,404-429).....	65 618.3	55 668.3	10 -						
CEREBROVASCULAR DISEASE (430-438).....	12 114.1	8 97.2	4 -						
ATHEROSCLEROSIS (440)	11 104.6	8 97.2	3 -						
PNEUMONIA AND INFLUENZA (480-487)	4 38.0	4 48.6	- -						
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	10 95.1	10 121.5	- -						
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1 9.5	1 12.2	- -						
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1 9.5	1 12.2	- -						
CONGENITAL ANOMALIES (740-759)	- -	- -	- -						
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1 9.5	- -	1 -						
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2 19.0	2 24.3	- -						
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2 19.0	1 12.2	1 -						
MOTOR VEHICLE ACCIDENTS (E810-E825)	- -	- -	- -						
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2 19.0	1 12.2	1 -						
SUICIDE (E950-E959)	- -	- -	- -						
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	2 19.0	1 12.2	1 -						
ALL OTHER CAUSES	8 76.1	8 97.2	- -						

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VIII-SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY,
RECORDED DATA, TENNESSEE, 1990

County	Recorded Marriages			Recorded Divorces			County	Recorded Marriages			Recorded Divorces		
	Number	Persons Married	Rate	Number	Persons Divorced	Rate		Number	Persons Married	Rate	Number	Persons Divorced	Rate
Total	67,995	135,990	27.9	32,183	64,366	13.2	Lake	111	222	31.1	45	90	12.6
Anderson	786	1,572	23.0	468	936	13.7	Lauderdale	355	710	30.2	203	406	17.3
Bedford	394	788	25.9	245	490	16.1	Lawrence	482	964	27.3	281	562	15.9
Benton	185	370	25.5	99	198	13.6	Lewis	134	268	29.0	84	168	18.2
Bledsoe	114	228	23.6	1	2	0.2	Lincoln	758	1,516	53.8	232	464	16.5
Blount	957	1,914	22.3	648	1,296	15.1	Loudon	405	810	25.9	195	390	12.5
Bradley	1,014	2,028	27.5	655	1,310	17.8	McMinn	556	1,112	26.2	314	628	14.8
Campbell	1,032	2,064	58.8	255	510	14.5	McNairy	404	808	36.0	162	324	14.5
Cannon	151	302	28.9	54	108	10.3	Macon	221	442	27.8	107	214	13.5
Carroll	331	662	24.1	186	372	13.5	Madison	837	1,674	21.5	502	1,004	12.9
Carter	632	1,264	24.5	393	786	15.3	Marion	421	842	33.9	173	346	13.9
Cheatham	181	362	13.3	217	434	16.0	Marshall	292	584	27.1	163	326	15.1
Chester	179	358	27.9	135	270	21.1	Maury	606	1,212	22.1	350	700	12.8
Claiborne	479	958	36.7	163	326	12.5	Meigs	124	248	30.9	28	56	7.0
Clay	160	320	44.2	24	48	6.6	Monroe	413	826	27.0	205	410	13.4
Cocke	518	1,036	35.6	233	466	16.0	Montgomery	1,616	3,232	32.2	800	1,600	15.9
Coffee	501	1,002	24.8	274	548	13.6	Moore	81	162	34.3	26	52	11.0
Crockett	169	338	25.3	74	148	11.1	Morgan	204	408	23.6	131	262	15.1
Cumberland	513	1,026	29.5	265	530	15.3	Obion	388	776	24.5	216	432	13.6
Davidson	6,263	12,526	24.5	3,067	6,134	12.0	Overton	237	474	26.9	109	218	12.4
Decatur	142	284	27.1	64	128	12.2	Perry	85	170	25.7	38	76	11.5
DeKalb	214	428	29.8	124	248	17.3	Pickett	89	178	39.1	26	52	11.4
Dickson	438	876	25.0	257	514	14.7	Polk	288	576	42.2	57	114	8.4
Dyer	551	1,102	31.6	329	658	18.9	Putnam	631	1,262	24.6	386	772	15.0
Fayette	287	574	22.5	143	286	11.2	Rhea	320	640	26.3	184	368	15.1
Fentress	250	500	34.1	133	266	18.1	Roane	505	1,010	21.4	284	568	12.0
Franklin	392	784	22.6	249	498	14.3	Robertson	1,536	3,072	74.0	261	522	12.6
Gibson	662	1,324	28.6	378	756	16.3	Rutherford	1,208	2,416	20.4	795	1,590	13.4
Giles	475	950	36.9	177	354	13.8	Scott	271	542	29.5	68	136	7.4
Grainger	195	390	22.8	121	242	14.2	Sequitah	156	312	35.2	63	126	14.2
Greene	747	1,494	26.7	507	1,014	18.2	Sevier	7,685	15,370	301.1	386	772	15.1
Grundy	156	312	23.3	58	116	8.7	Shelby	8,651	17,302	20.9	3,758	7,516	9.1
Hamblen	761	1,522	30.2	470	940	18.6	Smith	192	384	27.2	100	200	14.1
Hamilton	3,352	6,704	23.5	1,979	3,958	13.9	Stewart	127	254	26.8	60	120	12.7
Hancock	84	168	24.9	11	22	3.3	Sullivan	1,656	3,312	23.1	833	1,666	11.6
Hardeman	294	588	25.2	153	306	13.1	Sumner	1,066	2,132	20.6	688	1,376	13.3
Hardin	370	740	32.7	154	308	13.6	Tipton	580	1,160	30.9	813	1,626	43.3
Hawkins	470	940	21.1	331	662	14.9	Trousdale	152	304	51.4	31	62	10.5
Haywood	240	480	24.7	130	260	13.4	Unicoi	228	456	27.6	125	250	15.1
Henderson	312	624	28.6	189	378	17.3	Union	237	474	34.6	77	154	11.2
Henry	362	724	26.0	213	426	15.3	Van Buren	64	128	26.4	27	54	11.1
Hickman	174	348	20.8	86	172	10.3	Warren	377	754	22.9	261	522	15.8
Houston	78	156	22.2	45	90	12.8	Washington	1,098	2,196	23.8	663	1,326	14.4
Humphreys	210	420	26.6	90	180	11.4	Wayne	166	332	23.8	78	156	11.2
Jackson	159	318	34.2	55	110	11.8	Weakley	359	718	22.5	217	434	13.6
Jefferson	374	748	22.7	226	452	13.7	White	280	560	27.9	169	338	16.8
Johnson	261	522	37.9	83	166	12.1	Williamson	567	1,134	14.0	436	872	10.8
Knox	3,485	6,970	20.8	2,356	4,712	14.0	Wilson	671	1,342	19.8	406	812	12.0
							Other States++	51	102	-	-	-	-

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

++Includes those who received a license in Tennessee but were married in another state.

TABLE IX-BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS,
RECORDED DATA, TENNESSEE, 1990

County	Births		Infant Deaths		Deaths		County	Births		Infant Deaths		Deaths	
	Number	Rate	Number	Rate	Number	Rate		Number	Rate	Number	Rate	Number	Rate
Total	79,274	16.3	878	11.1	49,363	10.1	Lake	-	-	-	-	6	0.8
Anderson	882	12.9	2	2.3	716	10.5	Lauderdale	2	0.1	-	-	180	7.7
Bedford	237	7.8	3	12.7	231	7.6	Lawrence	410	11.6	1	2.4	284	8.0
Benton	1	0.1	-	-	136	9.4	Lewis	51	5.5	1	19.6	63	6.8
Bledsoe	-	-	-	-	52	5.4	Lincoln	257	9.1	2	7.8	255	9.1
Blount	870	10.1	3	3.4	711	8.3	Loudon	179	5.7	3	16.8	194	6.2
Bradley	1,080	14.7	2	1.9	629	8.5	McMinn	397	9.4	1	2.5	420	9.9
Campbell	269	7.7	3	11.2	322	9.2	McNairy	73	3.3	1	13.7	183	8.2
Cannon	3	0.3	1	-	81	7.7	Macon	3	0.2	-	-	108	6.8
Carroll	391	14.2	3	7.7	287	10.4	Madison	2,921	37.5	15	5.1	1,479	19.0
Carter	478	9.3	1	2.1	394	7.6	Manion	2	0.1	-	-	196	7.9
Cheatham	4	0.1	-	-	119	4.4	Marshall	2	0.1	1	-	204	9.5
Chester	1	0.1	-	-	47	3.7	Mauzy	1,541	28.1	3	1.9	600	10.9
Claiborne	10	0.4	2	200.0	233	8.9	Meigs	-	-	-	-	25	3.1
Clay	-	-	1	-	63	8.7	Monroe	259	8.5	1	3.9	221	7.2
Cocke	254	8.7	1	3.9	268	9.2	Montgomery	2,528	25.2	17	6.7	620	6.2
Coffee	851	21.1	3	3.5	362	9.0	Moore	-	-	-	-	1	0.2
Crockett	-	-	1	-	94	7.0	Morgan	2	0.1	-	-	38	2.2
Cumberland	691	19.9	1	1.4	366	10.5	Obion	565	17.8	1	1.8	311	9.8
Davidson	12,821	25.1	190	14.8	6,655	13.0	Overton	273	15.5	1	3.7	207	11.7
Decatur	1	0.1	1	-	110	10.5	Perry	16	2.4	1	62.5	57	8.6
DeKalb	97	6.8	-	-	145	10.1	Pickett	-	-	-	-	3	0.7
Dickson	435	12.4	5	11.5	371	10.6	Polk	-	-	-	-	86	6.3
Dyer	848	24.3	8	9.4	369	10.6	Putnam	1,059	20.6	4	3.8	423	8.2
Fayette	160	6.3	2	12.5	179	7.0	Rhea	49	2.0	-	-	180	7.4
Fentress	13	0.9	1	76.9	134	9.1	Roane	306	6.5	3	9.8	419	8.9
Franklin	390	11.2	1	2.6	360	10.4	Robertson	624	15.0	3	4.8	327	7.9
Gibson	381	8.2	3	7.9	451	9.7	Rutherford	1,674	14.1	2	1.2	883	7.4
Giles	233	9.1	-	-	208	8.1	Scott	83	4.5	-	-	166	9.0
Granger	1	0.1	1	-	58	3.4	Sequatchie	1	0.1	-	-	58	6.5
Greene	781	14.0	5	6.4	501	9.0	Sevier	487	9.5	4	8.2	311	6.1
Grundy	33	2.5	-	-	45	3.4	Shelby	19,397	23.5	344	17.7	9,590	11.6
Hamblen	1,045	20.7	3	2.9	431	8.5	Smith	109	7.7	2	18.3	134	9.5
Hamilton	6,197	21.7	58	9.4	3,377	11.8	Stewart	-	-	-	-	40	4.2
Hancock	9	1.3	1	-	64	9.5	Sullivan	2,748	19.1	12	4.4	2,091	14.6
Hardeman	3	0.1	1	-	179	7.7	Sumner	1,194	11.6	4	3.4	593	5.7
Hardin	206	9.1	-	-	179	7.9	Tipton	76	2.0	2	26.3	223	5.9
Hawkins	6	0.1	1	-	204	4.6	Trousdale	4	0.7	2	-	70	11.8
Haywood	275	14.1	1	3.6	120	6.2	Unicoi	1	0.1	1	-	135	8.2
Henderson	3	0.1	-	-	159	7.3	Union	1	0.1	-	-	53	3.9
Henry	100	3.6	3	30.0	336	12.0	Van Buren	-	-	-	-	5	1.0
Hickman	3	0.2	1	-	93	5.6	Warren	501	15.2	1	2.0	297	9.0
Houston	2	0.3	-	-	118	16.8	Washington	1,843	20.0	31	16.8	1,408	15.3
Humphreys	1	0.1	-	-	102	6.5	Wayne	70	5.0	1	14.3	86	6.2
Jackson	1	0.1	1	-	61	6.6	Weakley	303	9.5	2	6.6	282	8.8
Jefferson	1	0.0	-	-	267	8.1	White	118	5.9	1	8.5	161	8.0
Johnson	1	0.1	-	-	43	3.1	Williamson	480	5.9	2	4.2	364	4.5
Knox	7,772	23.1	92	11.8	4,512	13.4	Wilson	824	12.2	2	2.4	381	5.6

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

*Rates based on births are not calculated when the number of births is less than 10.

APPENDICES

APPENDIX A
DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident live births per 1,000 females 15-44 years of age.

Fetal Death (reportable) - A fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more. (Note: Induced abortions are excluded from the fetal death count.)

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, mother married to father item on certificate or report checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Abortion - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Abortion Ratio - The number of induced abortions per 1,000 live births by race of mother.

Infant Death - A death of a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low Birthweight - A live birth weighing less than 2,500 grams.

Low Birthweight Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births. Rates by race for 1970-1974 are by race of child per 10,000 live births (race of mother is not available). Rates by race for 1975-1990 are by race of mother per 10,000 live births.

Neonatal Death - A death of a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Pregnancies - The sum of live births, reportable fetal deaths, and reported induced abortions for women 10-49 years of age.

Pregnancy Rate - Number of pregnancies per 1,000 female population aged 10-49.

Prenatal Care - The amount of prenatal care obtained by the mother is determined by information on the certificate of live birth concerning the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "all other races" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographic place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred. Beginning in 1989, recorded data for marriages includes those obtaining a Tennessee license with the ceremony performed out of state.)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the

geographic place where the event occurred. For births, infant deaths, and fetal deaths, the residence is of the mother. (Resident data for Tennessee include events which occurred to residents of the State irrespective of where the events took place.)

Very Low Birthweight (VLBW) - A live birth weighing less than 1,500 grams.

Notes:

Death rates for specific causes are not calculated for white or all other races populations of less than 5,000.

In cases where a cause of death is sex-specific, the associated mortality rate is calculated per 100,000 population of the sex at risk.

Percents greater than or equal to 0.0 but less than 0.05 are indicated by 0.0.

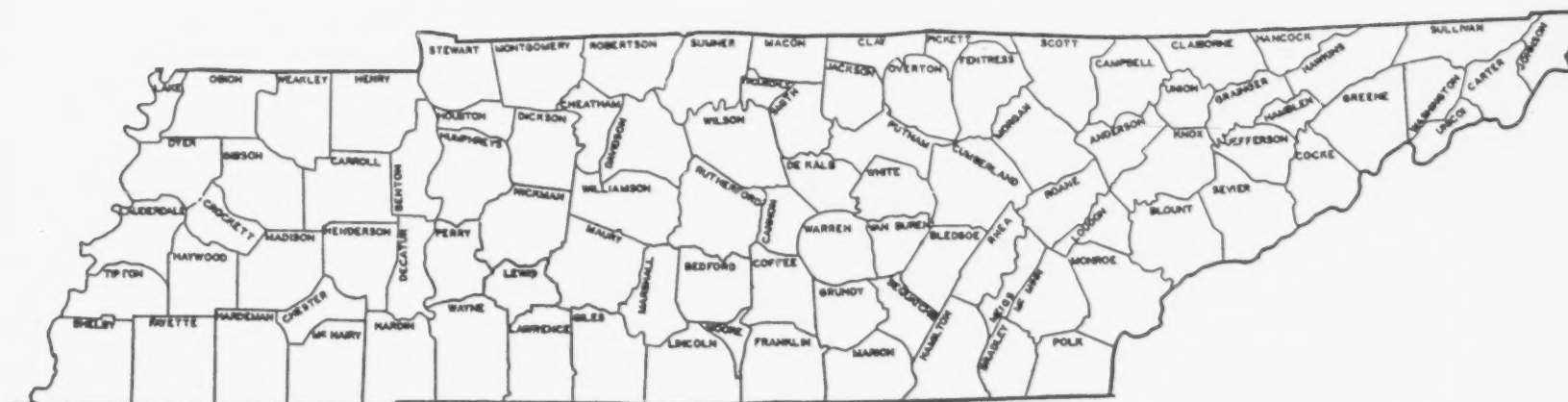
Rates based on births are not calculated when the number of births is less than 10.

APPENDIX B
CORRESPONDENCE OF CODE NUMBERS FOR THE EIGHTH AND NINTH REVISIONS
INTERNATIONAL CLASSIFICATION OF DISEASES

Category Title According to Ninth Revision	International Classification Code Numbers	
	Ninth Revision	Eighth Revision
Shigellosis and Amebiasis	004. 006	004. 006
Tuberculosis, All Forms	010-018	010-018
Respiratory System	010-012	010-012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034-035	034-035
Meningococcal Infection	036	036
Human Immunodeficiency Virus (HIV)	*042-*044	
Viral Encephalitis	049.8-049.9, 062-064	062-065
Measles	055	055
Viral Hepatitis	070	070. E931.1-E931.2, E931.8-E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090-097	090-097
Malignant Neoplasms, All Sites	140-208	140-207
Digestive Organs and Peritoneum	150-159	150-159
Respiratory and Intrathoracic Organs	160-165	160-163, 194.2
Breast	174-175	174
Female Genital Organs	179-184	180-184
Male Genital Organs	185-187	185-187
Diabetes Mellitus	250	250
Diseases of Heart	390-398, 402, 404-429	390-398, 402, 404-429, 450, 782.4
Ischemic Heart Disease	410-414	410-413
Cerebrovascular Disease	430-438	430-438
Atherosclerosis	440	440
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490-496	490-493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550-553, 560	550-553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574-575	574-575
Nephritis, Nephrotic Syndrome, and Nephrosis	580-589	580-584
Complications of Pregnancy, Childbirth, and the Puerperium	630-676	630-678
Congenital Anomalies	740-759	740-759
Certain Conditions Originating in the Perinatal Period	760-779	760-769.2, 769.4-772, 774-778
Accidents and Adverse Effects	E800-E949	E800-E949
Motor Vehicle Accidents	E810-E825	E810-E823
Suicide	E950-E959	E950-E959
Homicide and Legal Intervention	E960-E978	E960-E978

*These codes are not part of the Ninth Revision International Classification of Diseases.

APPENDIX C
MAP OF TENNESSEE SHOWING THE 95 COUNTIES



APPENDIX D
COUNTY LOCATION OF CITIES WITH POPULATION OF 10,000 OR MORE*.
TENNESSEE

City	County	City	County
Athens	McMinn	Knoxville	Knox
Bartlett	Shelby	Lawrenceburg	Lawrence
Bristol	Sullivan	Lebanon	Wilson
Chattanooga	Hamilton	McMinnville	Warren
Clarksville	Montgomery	Maryville	Blount
Cleveland	Bradley	Memphis	Shelby
Columbia	Maury	Millington	Shelby
Cookeville	Putnam	Morristown	Hamblen
Dyersburg	Dyer	Murfreesboro	Rutherford
East Ridge	Hamilton	Nashville	Davidson
Elizabethton	Carter	Oak Ridge	Anderson
Franklin	Williamson		Roane
Gallatin	Sumner	Paris	Henry
Germantown	Shelby	Red Bank	Hamilton
Greeneville	Greene	Shelbyville	Bedford
Hendersonville	Sumner	Springfield	Robertson
Humboldt	Gibson	Tullahoma	Coffee
Jackson	Madison		Franklin
Johnson City	Carter	Union City	Obion
	Washington		
Kingsport	Hawkins		
	Sullivan		

* Cities with population of 10,000 or more according to the 1980 Census.

APPENDIX E
HOW TO BE A VITAL STATISTICIAN *

This book presents vital statistics and highlights a number of important demographic and public health changes. The possible uses of vital statistics are endless. Data users are as diverse as a public health official evaluating a program and using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. Others find the subject confusing and intimidating. For either group, a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

DEATHS
INFANT DEATHS
NEONATAL DEATHS
POST NEONATAL DEATHS
FETAL DEATHS
LOW BIRTHWEIGHT INFANTS
PREGNANCIES
INDUCED ABORTIONS
MARRIAGES
DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenage pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are 28 days old) suggests the answer is yes. But selecting post-neonatal deaths (those between 28 days and one year) suggests no.

What is the correct population?

Vital events do not usually occur in individuals' homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

RECORDED

means that the event (death, birth, marriage) actually took place in the geographic region indicated (either Tennessee or a particular county). The person participating in the event may have lived in another state.

* This section is adapted with permission of the Oregon Center for Health Statistics from their *Oregon Vital Statistics, 1983* publication. Examples have been changed to Tennessee examples.

RESIDENCE

means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Davidson County who died in an accident while on vacation in Michigan is included in Davidson County resident death figure.

Choosing the appropriate population is important. Recorded birth data is more relevant to a hospital planner who is deciding whether to expand or contract delivery services. Resident birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the better choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole are easier. In this book, table headings indicate the population included in the tables.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Division of Information Resources, Health Statistics for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A. Bradford Hill expressed this important statistical concept:

"It is well recognized that white sheep eat more than black sheep--because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Shelby County than in Lake County, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred are compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

CRUDE DEATH RATE =	DEATHS ----- POPULATION	X	1,000
	the number of people who could have died		a number picked by vital statisticians to eliminate decimal points

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of

the century notion that only married women between the age of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause-of-death item provides an excellent example of changes in comparability:

Between 1975-1978, approximately
485 people died each year from
bronchitis, emphysema, and
asthma.

RATE = 11.1 PER 100,000 POPULATION

Between 1979-1982, approximately
1,213 people died each year from
chronic obstructive pulmonary
disease (C.O.P.D.).

RATE = 26.3 PER 100,000 POPULATION

A new scheme for coding causes of death was introduced in 1979. (See the explanation in the death section of the narrative in this publication.) This coding change is responsible for the difference in bronchitis, emphysema, and asthma and C.O.P.D. While bronchitis, emphysema, and asthma account for a large portion of C.O.P.D. deaths, several other pulmonary diseases were added in 1979 to form the new classification.

All cause of death groupings in this publication are comparable. However, caution should be used when comparing data in this report with data from reports for earlier years.

Taking age and sex into account

Mr. G. C. Wipple noted in 1923 that, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

The death rate increased between 1950 and 1960 from 8.9 to 9.2 deaths per thousand. But an examination of the death rates for each age group indicates that all decreased. This contradiction is explained by the fact that in 1960 a larger proportion of the population was concentrated in the older age groups where death rates are higher.

	1950	1960
CRUDE DEATH RATE	8.9	9.2
AGE SPECIFIC DEATH RATES		
0 - 4	9.0	7.1
5 - 14	0.6	0.5
15 - 24	1.5	1.2
25 - 44	3.1	2.5
45 - 64	12.6	11.6
65+	62.0	60.3

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations.

Small numbers

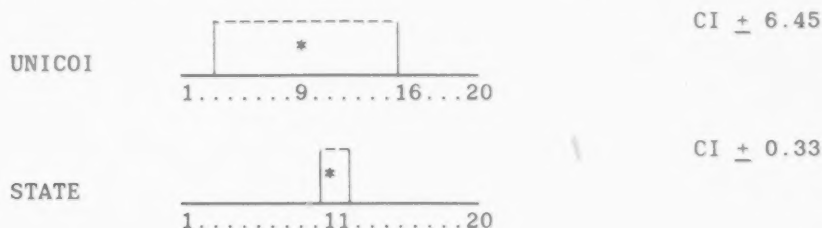
Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Unicoi County's infant mortality rates for a recent 5-year period:

<u>Year</u>	<u>Births</u>	<u>Infant Deaths</u>	<u>Infant Death Rates</u>
1986	151	2	13.2
1987	175	0	---
1988	199	0	---
1989	165	2	12.1
1990	166	4	24.1
1986-1990	856	8	9.3

The overall rate of 9.3 is quite similar to the state rate of 10.9 for the same time period. Yet the rate varies widely with the addition or subtraction of just one death. Public health officials would waste a good deal of energy if they reacted to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example a statistician will say, "We are 95 percent sure that the true infant death rate for Tennessee between 1986 and 1990 was 10.88 plus or minus 0.33, that is, it lies somewhere between 10.55 and 11.21." If two rates have overlapping confidence intervals, then the difference between them may be due to this chance variation. In other words, the difference between them is not statistically significant.

Unicoi county's infant death rate for the same period was 9.35 plus or minus 6.45. Even though 5 years of data were combined in the determination of the confidence interval for Unicoi county, the 95 percent confidence interval ranges from 2.9 to 15.8.



The difference between the state rate and Unicoi county's rate is not statistically significant.

If 20 is too few, how many cases are sufficient to say that a true difference exists? Unfortunately we have no easy rules for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. But anyone preparing to make important decisions based on these rates should make an effort to determine if rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps have been fairly mechanical:

- (1) Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.
- (2) Calculate the rates.
- (3) Compare these rates to determine if the differences are statistically significant.

NOW the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the differences which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the narrative and summary section. Tables and figures are included throughout the book to illustrate changes. Also, the staff of the Office of Health Statistics are available for data users who need assistance.

Errata note for Tennessee Vital Statistics, 1990 page 5:

TABLE 4. NUMBER AND PERCENTAGE OF BIRTHS IN TENNESSEE
BY WEIGHT GROUP AND TRANSFER STATUS,
RESIDENT DATA, TENNESSEE, 1990

Weight Group	Total	Baby Transferred		Mother Transferred	
	Births	Number	Percent	Number	Percent
Total	74,870	915	1.2	599	0.8
Under 500 grams ...	131	10	7.6	8	6.1
500-999 grams	453	48	10.6	66	14.6
1,000-1,499 grams .	570	72	12.6	81	14.2
1,500-1,999 grams .	1,135	108	9.5	128	11.3
2,000-2,499 grams .	3,871	133	3.4	157	4.1
2,500-3,499 grams .	40,652	366	0.9	108	0.3
3,500-4,499 grams .	26,922	144	0.5	32	0.1
4,500 grams and over	1,090	15	1.4	4	0.4
Unknown weight ...	46	19	41.3	5	10.9